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SEARCH REQUEST FORM

Requester's Full Name: JANE ZARA Examiner #: 77512 Date: 6-17-05
 Art Unit: 1635 Phone Number: 2-0765 Serial Number: 09195814
 Location (Bldg/Room#): 2D28 (Mailbox #): 2C18 Results Format Preferred (circle): PAPER DISK

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: AS MODN TO H S L E/p.
 Inventors (please provide full names): Butler et al.

Earliest Priority Date: 7/26/01

Search Topic:
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.

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Title: us-09-915-814-3

Perfect score: 970

Sequence: 1 ctctctgaagagtgcta.....ttcttgagtggtgcagat 970

Scoring table: IDENTITY_NUC

Gapop 10_0 , Gapext 0.5

Searched: 830 seqs, 15403 residues

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SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	22	2.3	31	1	AA129665
2	21.6	2.2	29	1	AA040556
3	20	2.1	20	1	AB282630
4	20	2.1	20	1	AB282640
5	20	2.1	20	1	AB282631
6	20	2.1	20	1	AB282643
7	20	2.1	20	1	AB282633
8	20	2.1	20	1	AB282638
9	20	2.1	20	1	AB282635
10	20	2.1	20	1	AB282637
11	20	2.1	20	1	AB282639
12	20	2.1	20	1	AB282634
13	20	2.1	20	1	AB282632
14	20	2.1	20	1	AB282636
15	20	2.1	20	1	AB282641
16	20	2.1	20	1	AB282642
17	18.8	1.9	26	1	AD001367
18	18.6	1.9	25	1	ACK19838
19	18.4	1.9	24	1	AA057923
20	18.2	1.9	24	1	AA794895
21	18.2	1.9	25	1	ABN12495
22	18.2	1.9	25	1	ABN12493
23	18.2	1.9	25	1	ABN12494
24	18.2	1.9	25	1	ACK75585
25	18.2	1.9	25	1	ACK75584
26	18.2	1.9	25	1	ACK75583
27	17.8	1.8	25	1	ACK19737
28	17.6	1.8	25	1	ACH58053
29	17.4	1.8	20	1	AA711438
30	17	1.8	20	1	AA269909
31	16.8	1.7	20	1	AAA96514
32	16.8	1.7	20	1	AD179687
33	16.8	1.7	20	1	AD179880

34	16.8	1.7	21	1	ACC70796	Human Toll-like re
35	16.8	1.7	22	1	AAF60216	Human ATM gene exo
36	16.6	1.7	23	1	ADG29459	CCND1 siNA-target
37	16.6	1.7	23	1	ADN34460	Cyclin D1 transcri
38	16.4	1.7	21	1	ADH93721	Human gene PCR pri
39	16.4	1.7	21	1	ADH93721	Human gene PCR pri
40	16.2	1.7	21	1	ADH93721	Human Pdx-1 forwar
41	16.2	1.7	21	1	ADH93721	Wheat starch synth
42	16.2	1.7	21	1	ADH93721	Human novel protei
43	16.2	1.7	22	1	AAH91298	Human inflammatory
44	16.2	1.7	22	1	AAH91298	Human EPO gene spe
45	16.2	1.7	23	1	AAH56004	Human SCN2A PCR-SS
46	16	1.6	20	1	ABZ52750	Human oligonucleot
47	16	1.6	20	1	ABD28980	N58473-derived oli
48	15.8	1.6	19	1	ADH84128	Human breakpoint c
49	15.8	1.6	19	1	ADH84128	Human breakpoint c
50	15.8	1.6	20	1	AAQ85691	Intronic primer fo
51	15.8	1.6	20	1	AAQ85691	RSV F gene (nucleo
52	15.8	1.6	20	1	AAQ85691	Human forkhead box
53	15.8	1.6	20	1	ADN31529	Human forkhead box
54	15.8	1.6	21	1	ADK96735	Primer of the inve
55	15.6	1.6	22	1	ADI33144	PCR primer 1 used
56	15.6	1.6	22	1	ADQ76782	Human LGR6 splice
57	15.4	1.6	17	1	ABN07601	Human GDMPLP-1 17-m
58	15.4	1.6	17	1	ABN07601	Human GDMPLP-1 17-m
59	15.4	1.6	17	1	ABV91103	Human POSHL1 scann
60	15.4	1.6	17	1	ABV91103	Human POSHL1 scann
61	15.4	1.6	17	1	AD148562	Human tumour suppr
62	15.4	1.6	17	1	ACC52241	Human tumour suppr
63	15.4	1.6	17	1	ACN70690	Human GDMPLP-1 prob
64	15.4	1.6	17	1	ACN70691	Human GDMPLP-1 prob
65	15.4	1.6	20	1	AAAC83280	PCR primer used sp
66	15.4	1.6	20	1	ADD56698	Human gene express
67	15.4	1.6	20	1	ADH94177	Human gene PCR pri
68	15.4	1.6	20	1	ADH50650	Human IRAK-1 DNA,
69	15.4	1.6	20	1	ADN30060	Human cytokine-ind
70	15.4	1.6	20	1	ADP71229	Rat glutamate rece
71	15.4	1.6	22	1	ABX72480	Human NOVX DNA PCR
72	15.2	1.6	20	1	AAZ04798	PCR primer used to
73	15.2	1.6	20	1	AAAI1885	Human MDMX anti-sen
74	15.2	1.6	20	1	AAAG6201	Dog genomic marker
75	15.2	1.6	20	1	ADK76020	Chimeric phosphoro
76	15.2	1.6	20	1	ADK75958	Chimeric phosphoro
77	15.2	1.6	20	1	ADJ10297	Phosphorothioate a
78	15.2	1.6	20	1	ADJ10365	Target DNA oligo f
79	15.2	1.6	20	1	ADM14353	Human mPGES-1 chim
80	15.2	1.6	20	1	ADN31530	Human forkhead box
81	15.2	1.6	20	1	ADN31412	Human forkhead box
82	15.2	1.6	20	1	ADP77448	Chimeric phosphoro
83	15.2	1.6	20	1	ADP77832	Chimeric phosphoro
84	15.2	1.6	20	1	ADP77215	Chimeric phosphoro
85	15.2	1.6	20	1	ADQ09501	Murine Angiopoietin
86	15.2	1.6	20	1	ADQ09573	Murine Angiopoietin
87	15.2	1.6	20	1	ADP83556	Human mtDNA specif
88	15.2	1.6	20	1	ADP68653	Human PPAR-alpha A
89	15.2	1.6	20	1	ADK25258	Acyl-coenzyme A sy
90	15.2	1.6	20	1	ADR72435	Antisense oligo ta
91	15.2	1.6	21	1	AAQ84606	D-loop mtDNA prime
92	15.2	1.6	21	1	AA734674	Human cytochrome P
93	15.2	1.6	21	1	AAK15019	Sense PCR primer u
94	15.2	1.6	21	1	AAK64753	Secreted protein N
95	15.2	1.6	21	1	AAI51986	FGFR RT-PCR primer
96	15.2	1.6	21	1	ACA06021	Human KCT type che
97	15.2	1.6	21	1	ACA99378	Recombinant anti-I
98	15.2	1.6	21	1	ACD13612	Human IL-8 DNA PCR
99	15.2	1.6	21	1	ADO30680	Interleukin-8 gene
100	15	1.5	17	1	AAV91102	Human POSHL1 scann
101	15	1.5	18	1	AAV33862	Primer FIC-9 for r
102	15	1.5	18	1	AAV75966	SB transposase PCR
103	15	1.5	18	1	ADD41947	Transposon vector
104	15	1.5	21	1	AAF97288	Human gene single
105	14.8	1.5	18	1	AAZ30583	Human integrin alp
106	14.8	1.5	18	1	AAH62926	Shrimp white spot

C 107	14.8	1.5	18	1	AAS10245	Antisense oligonuc	C 180	14.4	1.5	17	1	AAH95352	Human Chk1 ribozym
C 108	14.8	1.5	18	1	RAAD20374	Antisense oligo, I	C 181	14.4	1.5	17	1	AAH95217	Human Chk1 ribozym
C 109	14.8	1.5	18	1	ADAD1925	Human SRC-1 antise	C 182	14.4	1.5	17	1	ABK03125	Human CD20 Inozyme
C 110	14.8	1.5	18	1	ADAD51440	hGH-V gene fragmen	C 183	14.4	1.5	17	1	ABN07602	Human GDMLP-1 17-m
C 111	14.8	1.5	18	1	ADRA44784	Human hc6 sense ol	C 184	14.4	1.5	17	1	ABN07599	Human GDMLP-1 17-m
C 112	14.8	1.5	18	1	ADRA44782	Human hc6 antisens	C 185	14.4	1.5	17	1	ABN07714	Human GDMLP-1 17-m
C 113	14.8	1.5	19	1	AAV09207	PCR primer ABCR,EX	C 186	14.4	1.5	17	1	ABN07713	Human GDMLP-1 17-m
C 114	14.8	1.5	19	1	ADAD51441	hGH-V gene fragmen	C 187	14.4	1.5	17	1	ABV91100	Human POSHL1 scann
C 115	14.8	1.5	19	1	ABX11143	Rat pl1 mutagenic	C 188	14.4	1.5	17	1	ABV91104	Human POSHL1 scann
C 116	14.8	1.5	19	1	ADO18775	Analytical probe c	C 189	14.4	1.5	17	1	ACC64755	Murine oligonucleo
C 117	14.8	1.5	19	1	ADO18369	Analytical probe c	C 190	14.4	1.5	17	1	ADB39860	Tumour suppression
C 118	14.8	1.5	19	1	ADO18575	Analytical probe c	C 191	14.4	1.5	17	1	ADB45011	Tumour suppression
C 119	14.8	1.5	19	1	ADO18248	Analytical probe c	C 192	14.4	1.5	17	1	ACC52389	Human tumour suppr
C 120	14.8	1.5	19	1	ADT01909	Novel mutant prote	C 193	14.4	1.5	17	1	ACN70803	Human GDMLP-1 prob
C 121	14.8	1.5	20	1	AAQ39534	PCR Primer #2 for	C 194	14.4	1.5	17	1	ACN70804	Human GDMLP-1 prob
C 122	14.8	1.5	20	1	AAQ82614	Chromosome 11 (loc	C 195	14.4	1.5	17	1	ACN70692	Human GDMLP-1 prob
C 123	14.8	1.5	20	1	AAT15114	Hypermutable targe	C 196	14.4	1.5	17	1	ACN70689	Human GDMLP-1 prob
C 124	14.8	1.5	20	1	AAT15134	Hypermutable targe	C 197	14.4	1.5	17	1	ADH28096	Human chromosome 1
C 125	14.8	1.5	20	1	AAV21006	Microsatellite DNA	C 198	14.4	1.5	19	1	AAA03522	cdk8 ribozyme bind
C 126	14.8	1.5	20	1	AAV21038	Microsatellite DNA	C 199	14.4	1.5	19	1	AAH58684	Cell-cycle depende
C 127	14.8	1.5	20	1	AAV18196	Primer for Panconi	C 200	14.4	1.5	19	1	ADN34615	siNA upper strand
C 128	14.8	1.5	20	1	AAZ21694	Exemplary oligonuc	C 201	14.4	1.5	19	1	ADN34873	siNA lower strand
C 129	14.8	1.5	20	1	AAZ21662	Exemplary target n	C 202	14.4	1.5	19	1	ADQ61607	Anti-RBBP2 siRNA r
C 130	14.8	1.5	20	1	AAZ01970	PCR primer used to	C 203	14.4	1.5	20	1	AAQ91018	Primer binding to
C 131	14.8	1.5	20	1	AAZ05591	PCR primer used to	C 204	14.4	1.5	20	1	AAQ96757	PCR primer used to
C 132	14.8	1.5	20	1	AAA09682	Human SHP-1 antise	C 205	14.4	1.5	20	1	AAD01299	M13 reverse primer
C 133	14.8	1.5	20	1	AAQ73703	PCR primer for CDN	C 206	14.4	1.5	20	1	AAF23198	Oligonucleotide fo
C 134	14.8	1.5	20	1	AAF85110	Human IL-5 antisen	C 207	14.4	1.5	20	1	AAF82542	Human PIK-related
C 135	14.8	1.5	20	1	AAAD40329	Human caspase 6 an	C 208	14.4	1.5	20	1	ABK68858	Shrlichia canis p2
C 136	14.8	1.5	20	1	AAAD27828	Primer A used in P	C 209	14.4	1.5	20	1	ABT12957	Mycobacterium tube
C 137	14.8	1.5	20	1	ABS68900	Human RecQ protein	C 210	14.4	1.5	20	1	AAL61452	Human ATP3 antisen
C 138	14.8	1.5	20	1	ABX04357	Human Interleukin	C 211	14.4	1.5	20	1	AAD49360	Mouse phospholipid
C 139	14.8	1.5	20	1	ADC65775	Human TGP-beta rec	C 212	14.4	1.5	20	1	ADG36197	Weed controller me
C 140	14.8	1.5	20	1	ADC10441	Human NOVX polypep	C 213	14.4	1.5	20	1	ADG86932	Mouse PPAR antisen
C 141	14.8	1.5	20	1	AAAD62218	Human haematopoiet	C 214	14.4	1.5	20	1	ADH48268	Human GRK6 DNA, an
C 142	14.8	1.5	20	1	ABZ99357	Human PDB4C oligon	C 215	14.4	1.5	20	1	ADH48322	Human GRK6 DNA tar
C 143	14.8	1.5	20	1	ABZ85975	Human oligonucleot	C 216	14.4	1.5	20	1	ADI26626	Rat PIM1 antisen
C 144	14.8	1.5	20	1	ABZ91021	Human oligonucleot	C 217	14.4	1.5	20	1	ADJ32481	Human hypothetical
C 145	14.8	1.5	20	1	ACC83590	Human Toll-like re	C 218	14.4	1.5	20	1	ADJ32489	Human hypothetical
C 146	14.8	1.5	20	1	ABD32388	Human PDB4C-derive	C 219	14.4	1.5	20	1	ADK97560	Primer of the inve
C 147	14.8	1.5	20	1	ABD22205	Human stannioalcali	C 220	14.4	1.5	20	1	ADJ19206	Antisense 2-MOE ga
C 148	14.8	1.5	20	1	ABD27251	AA180912-derived o	C 221	14.4	1.5	20	1	ADL34870	Antisense oligonuc
C 149	14.8	1.5	20	1	ADK95099	Primer of the inve	C 222	14.4	1.5	20	1	ADOS4491	Farnesoid X recept
C 150	14.8	1.5	20	1	ADJ61242	Oligonucleotide as	C 223	14.4	1.5	20	1	ADOS4502	Farnesoid X recept
C 151	14.8	1.5	20	1	ADO45632	Human oligonucleot	C 224	14.4	1.5	20	1	ADOS4521	Farnesoid X recept
C 152	14.8	1.5	20	1	ADO52426	Human BRCA2 region	C 225	14.4	1.5	20	1	ADOS4079	Farnesoid X recept
C 153	14.8	1.5	20	1	ADO52460	Human BRCA2 region	C 226	14.4	1.5	20	1	ADOS4698	Farnesoid X recept
C 154	14.8	1.5	20	1	ADP22034	Ornithine decarbox	C 227	14.4	1.5	20	1	AAZ20061	Primer 2 for detec
C 155	14.8	1.5	20	1	ADP21936	Human mtDNA specif	C 228	14.2	1.5	19	1	AAZ20080	Human cytokine-ind
C 156	14.8	1.5	20	1	ADP83554	Human mtDNA specif	C 229	14.2	1.5	19	1	AAZ70164	Human biallelic ma
C 157	14.8	1.5	20	1	ADP83555	Human mtDNA specif	C 230	14.2	1.5	19	1	ABL88897	HIV-1 related bind
C 158	14.8	1.5	20	1	ADP83557	Human interleukin-	C 231	14.2	1.5	19	1	ADG35438	HIV siNA oligonuc
C 159	14.8	1.5	20	1	ADT00344	Novel mutant prote	C 232	14.2	1.5	19	1	ADG36176	HIV siNA oligonuc
C 160	14.8	1.5	20	1	ADQ26790	Beta-catenin oligo	C 233	14.2	1.5	19	1	ADH16553	Human BACE siNA lo
C 161	14.8	1.5	21	1	ADQ26790	Human LIPE gene po	C 234	14.2	1.5	19	1	ADH16228	Human BACE transcr
C 162	14.6	1.5	15	1	ABK95979	Human LIPE gene po	C 235	14.2	1.5	19	1	ADQ61805	Anti-PPARA siRNA r
C 163	14.6	1.5	15	1	ABK95975	Human LIPE gene po	C 236	14.2	1.5	19	1	ADQ31093	Cyp11A1 mRNA detect
C 164	14.6	1.5	15	1	ABK95968	Human LIPE gene po	C 237	14.2	1.5	20	1	AAQ33001	Probe for Chlamydi
C 165	14.6	1.5	15	1	ABK95968	Human LIPE gene po	C 238	14.2	1.5	20	1	AAQ75134	E.carotovora nucle
C 166	14.6	1.5	15	1	ABK95974	Human LIPE gene po	C 239	14.2	1.5	20	1	AAQ75225	Amino labelled oli
C 167	14.6	1.5	15	1	ABK95941	Human LIPE gene po	C 240	14.2	1.5	20	1	AAT48180	Primer CRYR, for i
C 168	14.6	1.5	15	1	ABK95971	Human LIPE gene po	C 241	14.2	1.5	20	1	AAAX61144	Human chromosome a
C 169	14.6	1.5	15	1	ABK95972	Human LIPE gene po	C 242	14.2	1.5	20	1	AAZ05528	PCR primer used to
C 170	14.6	1.5	15	1	ABK95970	Human LIPE gene po	C 243	14.2	1.5	20	1	AAZ02129	PCR primer used to
C 171	14.6	1.5	15	1	ABK95978	Human LIPE gene po	C 244	14.2	1.5	20	1	AAZ03678	Human PRO300 PCR f
C 172	14.6	1.5	15	1	ABK95942	Human LIPE gene po	C 245	14.2	1.5	20	1	AAZ33908	PCR primer used to
C 173	14.6	1.5	15	1	ABK95979	Human LIPE gene po	C 246	14.2	1.5	20	1	AAAX93212	PCR primer used to
C 174	14.6	1.5	15	1	ABK95940	Human LIPE gene po	C 247	14.2	1.5	20	1	AAAX95409	PCR primer used to
C 175	14.6	1.5	15	1	ABK95973	Human LIPE gene po	C 248	14.2	1.5	20	1	AAAX95679	PCR primer used to
C 176	14.6	1.5	15	1	ABK95944	Human LIPE gene po	C 249	14.2	1.5	20	1	AAAX93272	PCR primer used to
C 177	14.4	1.5	16	1	ABL42981	Human chromosome 1	C 250	14.2	1.5	20	1	AAAX80212	Human CSF-1 antise
C 178	14.4	1.5	16	1	ABL44647	Human chromosome 1	C 251	14.2	1.5	20	1	AAZ93692	Primer for amplifi
C 179	14.4	1.5	17	1	AAH95977	Human Chk1 ribozym	C 252	14.2	1.5	20	1	AAA40712	Hamster DHFR gene

c 253	14.2	1.5	20	1	AA243821	Human fetal brain	326	14.2	1.5	20	1	ADF61096	Human PRO 300 PCR
c 254	14.2	1.5	20	1	AA289101	Forward primer new	327	14.2	1.5	20	1	ADF39788	Human PRO 300 PCR
c 255	14.2	1.5	20	1	AA488539	Human GFR-alpha-3	328	14.2	1.5	20	1	ADF45584	Human PRO 300 PCR
c 256	14.2	1.5	20	1	AA478613	Human PRO300 forwa	329	14.2	1.5	20	1	ADF23980	Human PRO 300 PCR
c 257	14.2	1.5	20	1	AA477618	Human PRO308 PCR p	330	14.2	1.5	20	1	ADF40412	Human PRO 300 PCR
c 258	14.2	1.5	20	1	AA449210	Human tumour necro	331	14.2	1.5	20	1	ADF23356	Human PRO 300 PCR
c 259	14.2	1.5	20	1	AA454098	Primer for amplif	332	14.2	1.5	20	1	ADF33339	Human PRO 300 PCR
c 260	14.2	1.5	20	1	AA458151	Human PRO308 and P	333	14.2	1.5	20	1	ADF26806	Human PRO 300 PCR
c 261	14.2	1.5	20	1	AA487024	Sequencing primer	334	14.2	1.5	20	1	ADF27442	Human PRO 300 PCR
c 262	14.2	1.5	20	1	AA4F30531	PPAR-alpha gene ex	335	14.2	1.5	20	1	ADF41036	Human PRO 300 PCR
c 263	14.2	1.5	20	1	AA4H20646	Human telomeric re	336	14.2	1.5	20	1	ADF32715	Human PRO 300 PCR
c 264	14.2	1.5	20	1	AA4H0522	Oligonucleotide hy	337	14.2	1.5	20	1	ADF25081	Human PRO 300 PCR
c 265	14.2	1.5	20	1	AA4H0523	Oligonucleotide hy	338	14.2	1.5	20	1	ADF26182	Human PRO 300 PCR
c 266	14.2	1.5	20	1	AA4H22191	Zmaxi gene region	339	14.2	1.5	20	1	ADF33971	Human PRO 300 PCR
c 267	14.2	1.5	20	1	AA4B36541	Human Her-1 antise	340	14.2	1.5	20	1	ADF46208	Human PRO 300 PCR
c 268	14.2	1.5	20	1	AA4B52377	Mouse FLIP-c chime	341	14.2	1.5	20	1	ADG50194	Human PRO 300 PCR
c 269	14.2	1.5	20	1	AA4D38112	Human BCAS1 antise	342	14.2	1.5	20	1	ADG49570	Human PRO 300 PCR
c 270	14.2	1.5	20	1	AA4L49434	Cell adhesion mole	343	14.2	1.5	20	1	ADG51442	Human PRO 300 PCR
c 271	14.2	1.5	20	1	AA4L49432	Cell adhesion mole	344	14.2	1.5	20	1	ADG48946	Human PRO 300 PCR
c 272	14.2	1.5	20	1	AA4B81631	PGHS-2 sense prime	345	14.2	1.5	20	1	ADG48322	Human PRO 300 PCR
c 273	14.2	1.5	20	1	AA4B81627	PGHS-1 sense prime	346	14.2	1.5	20	1	ADG84988	Human PRO 300 PCR
c 274	14.2	1.5	20	1	AA4L52775	Human chromosome 1	347	14.2	1.5	20	1	ADG50818	Human PRO 300 PCR
c 275	14.2	1.5	20	1	AA4B43387	Siglec-BMS, PCR pr	348	14.2	1.5	20	1	ADG58762	Human PRO 300 PCR
c 276	14.2	1.5	20	1	AA4B193019	Capture oligonucle	349	14.2	1.5	20	1	ADG62218	Human PRO 300 PCR
c 277	14.2	1.5	20	1	AA4A63476	Novel human secret	350	14.2	1.5	20	1	ADH63981	Human glucocortico
c 278	14.2	1.5	20	1	AA4B34454	Human short hetero	351	14.2	1.5	20	1	ADH65573	Human glucocortico
c 279	14.2	1.5	20	1	AA4A71640	Human PRO polypept	352	14.2	1.5	20	1	ADH63740	Human glucocortico
c 280	14.2	1.5	20	1	AA4B92280	Human PRO DNA PCR	353	14.2	1.5	20	1	ADH66186	Human glucocortico
c 281	14.2	1.5	20	1	AA4A66021	Human secreted/tra	354	14.2	1.5	20	1	ADI80213	Human transforming
c 282	14.2	1.5	20	1	AA4B15981	HIV variant detect	355	14.2	1.5	20	1	ADI80073	Human transforming
c 283	14.2	1.5	20	1	AA4A24560	Secreted and trans	356	14.2	1.5	20	1	ADH89600	Human livin antise
c 284	14.2	1.5	20	1	AA4C29622	Novel human secret	357	14.2	1.5	20	1	ADH25243	Human neurotrophin
c 285	14.2	1.5	20	1	AA4A12221	Human secreted/tra	358	14.2	1.5	20	1	ADJ78447	Human perlepin ta
c 286	14.2	1.5	20	1	AA4C29037	Novel human secret	359	14.2	1.5	20	1	ADJ78377	Human perlepin ch
c 287	14.2	1.5	20	1	AA4B65822	Clone specific PCR	360	14.2	1.5	20	1	ADJ18101	Antisense DNA olig
c 288	14.2	1.5	20	1	AA4B73527	Human PRO DNA PCR	361	14.2	1.5	20	1	ADJ18234	Antisense DNA olig
c 289	14.2	1.5	20	1	AA4B76243	Human PRO DNA PCR	362	14.2	1.5	20	1	ADJ18569	Antisense DNA olig
c 290	14.2	1.5	20	1	AA4C34669	Human PRO 300 PCR	363	14.2	1.5	20	1	ADJ18514	Antisense DNA olig
c 291	14.2	1.5	20	1	AA4C61429	Human PRO 300 PCR	364	14.2	1.5	20	1	ADK76897	Chimeric phosphoro
c 292	14.2	1.5	20	1	AA4C63393	Human PRO 300 PCR	365	14.2	1.5	20	1	ADK75814	Chimeric phosphoro
c 293	14.2	1.5	20	1	AA4C66493	Human PRO 300 PCR	366	14.2	1.5	20	1	ADK76483	Chimeric phosphoro
c 294	14.2	1.5	20	1	AA4C68617	Human PRO 300 PCR	367	14.2	1.5	20	1	ADK75654	Chimeric phosphoro
c 295	14.2	1.5	20	1	AA4C62677	Human PRO 300 PCR	368	14.2	1.5	20	1	ADM17020	Human PRO 300 PCR
c 296	14.2	1.5	20	1	AA4C67742	Human PRO 300 PCR	369	14.2	1.5	20	1	ADL06854	Human PRO 300 PCR
c 297	14.2	1.5	20	1	AA4C41062	Human PRO 300 PCR	370	14.2	1.5	20	1	ADM14424	Human mPGES-1 chim
c 298	14.2	1.5	20	1	AA4C67117	Human PRO 300 PCR	371	14.2	1.5	20	1	ADM14626	Human mPGES-1 chim
c 299	14.2	1.5	20	1	AA4C62053	Human PRO 300 PCR	372	14.2	1.5	20	1	ADO54308	Farnesoid X recept
c 300	14.2	1.5	20	1	AA4A1686	Human PRO 300 PCR	373	14.2	1.5	20	1	ADO54014	Farnesoid X recept
c 301	14.2	1.5	20	1	AA4A49055	Human PRO 300 PCR	374	14.2	1.5	20	1	ADN03090	Human PIM-1 DNA an
c 302	14.2	1.5	20	1	AA4D81414	HIV PRT antise	375	14.2	1.5	20	1	ADN03079	Human PIM-1 DNA an
c 303	14.2	1.5	20	1	AA4D81413	HIV PRT antise	376	14.2	1.5	20	1	ADN03148	Human PIM-1 DNA an
c 304	14.2	1.5	20	1	AA4D35109	Human PRO 300 PCR	377	14.2	1.5	20	1	ADO16801	4 synthesis-period
c 305	14.2	1.5	20	1	AA4D16233	Human PRO 300 PCR	378	14.2	1.5	20	1	ADP78345	Chimeric phosphoro
c 306	14.2	1.5	20	1	AA4D72838	Human PRO 300 PCR	379	14.2	1.5	20	1	ADP78490	Chimeric phosphoro
c 307	14.2	1.5	20	1	AA4D72196	Human PRO 300 PCR	380	14.2	1.5	20	1	ADN30196	Hepatocyte growth
c 308	14.2	1.5	20	1	AA4D39914	PCR primer (SEQ ID	381	14.2	1.5	20	1	ADN30267	Hepatocyte growth
c 309	14.2	1.5	20	1	AA4D39918	PCR primer (SEQ ID	382	14.2	1.5	20	1	ADP27889	PCR primer to ampl
c 310	14.2	1.5	20	1	AA4D16847	Human PRO 300 PCR	383	14.2	1.5	20	1	ADP74452	Human NRF antisens
c 311	14.2	1.5	20	1	AA4D46861	Human PRO 300 PCR	384	14.2	1.5	20	1	ADP74522	Human NRF antisens
c 312	14.2	1.5	20	1	AA4D52618	Human PRO 300 PCR	385	14.2	1.5	20	1	ADR00341	RIZ1 PCR reverse p
c 313	14.2	1.5	20	1	AA4D59938	Human PRO 300 PCR	386	14.2	1.5	20	1	ADK20894	Acyl-coenzyme A sy
c 314	14.2	1.5	20	1	AA4D60698	Human PRO 300 PCR	387	14.2	1.5	20	1	ADK22640	Acyl-coenzyme A sy
c 315	14.2	1.5	20	1	AA4B291282	Human oligonucleot	388	14.2	1.5	20	1	ADK23097	Acyl-coenzyme A sy
c 316	14.2	1.5	20	1	AA4B293292	Human oligonucleot	389	14.2	1.5	20	1	ADK21310	Acyl-coenzyme A sy
c 317	14.2	1.5	20	1	AA4B293501	Human oligonucleot	390	14.2	1.5	20	1	ADR86633	Human HCN4 gene ex
c 318	14.2	1.5	20	1	AA4C42441	Novel human secret	391	14.2	1.5	20	1	ADT00460	Novel mutant prote
c 319	14.2	1.5	20	1	AA4D24968	Intestinal epithel	392	14.2	1.5	20	1	ADT00459	Novel mutant prote
c 320	14.2	1.5	20	1	AA4D24868	Intestinal epithel	393	14.2	1.5	20	1	ADT94303	Human PRO308 CDNA
c 321	14.2	1.5	20	1	AA4B29731	AA626698-derived o	394	14	1.4	14	1	ADT94303	G3PDH gene PCR pri
c 322	14.2	1.5	20	1	AA4B27512	AA486238-derived o	395	14	1.4	15	1	AAV18733	Primer for HRSV gl
c 323	14.2	1.5	20	1	AA4B29322	AA664176-derived o	396	14	1.4	17	1	ADN07597	Human GDMPLP-1 17-m
c 324	14.2	1.5	20	1	AA4D48355	Human PRO 300 PCR	397	14	1.4	17	1	ADN07598	Human GDMPLP-1 17-m
c 325	14.2	1.5	20	1	AA4D889456	Human PRO 300 PCR	398	14	1.4	17	1	ADN07711	Human GDMPLP-1 17-m

C 399	14	1.4	17	1	ABN07712	Human GDMPL-1 17-m	C 472	13.8	1.4	18	1	AAT51719	Oligonucleotide 26
C 400	14	1.4	17	1	ACG66338	Murine oligonucleo	473	13.8	1.4	18	1	AAH47533	Human Her-3 mRNA i
C 401	14	1.4	17	1	ACN70802	Human GDMPL-1 prob	474	13.8	1.4	18	1	ACF62765	Colon cancer analy
C 402	14	1.4	17	1	ACN70801	Human GDMPL-1 prob	C 475	13.8	1.4	18	1	ACF62766	Colon cancer analy
C 403	14	1.4	17	1	ACN70688	Human GDMPL-1 prob	C 476	13.8	1.4	18	1	ADM06739	Human PCR primer S
C 404	14	1.4	17	1	ACN70687	Human GDMPL-1 prob	C 477	13.8	1.4	18	1	ADM06739	Human C/EBP DNA f
C 405	14	1.4	18	1	AAT50908	Probe SH-10 for HS	C 478	13.8	1.4	18	1	ADH36252	Human purinergic r
C 406	14	1.4	18	1	AAT70004	Probe SH-10 for HS	C 479	13.8	1.4	19	1	AAT76395	Human tumour necro
C 407	14	1.4	18	1	AA54836	C/EBP-beta antisense	480	13.8	1.4	19	1	AAV08200	PCR primer ABCR-EX
C 408	14	1.4	18	1	AA54836	Human adenosine re	481	13.8	1.4	19	1	AAV08220	PCR primer ABCR-EX
C 409	14	1.4	18	1	AAAF24045	Human C/EBP polyu	C 482	13.8	1.4	19	1	AAV72612	Glucose-6-phosphat
C 410	14	1.4	18	1	AA5296099	Human C/EBP antisense	C 483	13.8	1.4	19	1	AA56380	DNA-dependent Atpa
C 411	14	1.4	19	1	AA54835	C/EBP-beta antisense	C 484	13.8	1.4	19	1	AA54544	Human adenosine A2
C 412	14	1.4	19	1	AA54835	Human adenosine re	C 485	13.8	1.4	19	1	AA533988	Low adenosine anti
C 413	14	1.4	19	1	AAAF24044	Human C/EBP polyu	486	13.8	1.4	19	1	AAAH3068	cdk6 ribozyme bind
C 414	14	1.4	19	1	AA5296098	Human C/EBP antisense	C 487	13.8	1.4	19	1	AAAH3572	cdk-we-hu ribozyme
C 415	14	1.4	19	1	ADR75648	Human apolipoprote	488	13.8	1.4	19	1	AAAH6016	Cdc 25 hs ribozyme
C 416	14	1.4	19	1	ADR75888	Human apolipoprote	489	13.8	1.4	19	1	AAAH4481	Cyclin E ribozyme
C 417	14	1.4	19	1	ADR78266	Human apolipoprote	C 490	13.8	1.4	19	1	AAF20110	Human tumour necro
C 418	14	1.4	19	1	ADR78506	Human apolipoprote	491	13.8	1.4	19	1	AAH58230	Cell-cycle depende
C 419	14	1.4	20	1	AA54834	C/EBP-beta antisense	C 492	13.8	1.4	19	1	AAH56734	Cdk-we-hu ribozyme
C 420	14	1.4	20	1	AA5296081	PCR primer used to	493	13.8	1.4	19	1	AAH61178	Cdc25 hs ribozyme
C 421	14	1.4	20	1	AA534281	Human adenosine re	494	13.8	1.4	19	1	AAH59643	Cyclin E ribozyme
C 422	14	1.4	20	1	AAAF40869	Murine TNFalpha an	C 495	13.8	1.4	19	1	ADA25500	Human PKC-alpha sh
C 423	14	1.4	20	1	AAAF20403	Human C/EBP polyu	496	13.8	1.4	19	1	ADA25375	Human PKC-alpha sh
C 424	14	1.4	20	1	ACD05097	Tumour necrosis fa	C 497	13.8	1.4	19	1	AD29876	Mitogen activated
C 425	14	1.4	20	1	ADAF42478	Primer for amplif	498	13.8	1.4	19	1	AD29877	Mitogen activated
C 426	14	1.4	20	1	AB285209	Human oligonucleot	499	13.8	1.4	19	1	AD29877	Mitogen activated
C 427	14	1.4	20	1	AB296097	Human C/EBP antisense	C 500	13.8	1.4	19	1	AD29877	Mitogen activated
C 428	14	1.4	20	1	AB296097	Human transglutami	C 501	13.8	1.4	19	1	AD29877	Mitogen activated
C 429	14	1.4	20	1	ADP27278	Human MMP11 DNA an	C 502	13.8	1.4	19	1	ADP75719	C8ORF4 gene antisense
C 430	14	1.4	20	1	ADP27133	Human matrix metal	C 503	13.8	1.4	19	1	ADP75719	Antisense siNA tha
C 431	14	1.4	20	1	ADQ23179	Mouse TNF alpha an	504	13.8	1.4	19	1	ADP75719	Sense siNA that do
C 432	14	1.4	20	1	AAQ26953	Antisense oligonuc	505	13.8	1.4	19	1	ADG35531	HIV siNA oligonuc
C 433	13.8	1.4	17	1	AAQ26953	Delta-9 desaturase	C 506	13.8	1.4	19	1	ADG35531	HIV siNA oligonuc
C 434	13.8	1.4	17	1	AAQ36167	Human genomic SNP	C 507	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 435	13.8	1.4	17	1	ABK03691	Human CD20 Ambery	C 508	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 436	13.8	1.4	17	1	ABK03692	Human CD20 Ambery	C 509	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 437	13.8	1.4	17	1	ABK03692	Human GRID NCH rib	C 510	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 438	13.8	1.4	17	1	ABK03692	Human GRID NCH rib	511	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 439	13.8	1.4	17	1	ABK03692	Human GRID NCH rib	512	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 440	13.8	1.4	17	1	ABN07596	Human GDMPL-1 17-m	C 513	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 441	13.8	1.4	17	1	ABN07595	Human GDMPL-1 17-m	C 514	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 442	13.8	1.4	17	1	ABN07715	Human GDMPL-1 17-m	C 515	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 443	13.8	1.4	17	1	ABN07715	Human GDMPL-1 17-m	C 516	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 444	13.8	1.4	17	1	ABQ63739	Human KTM1a porti	C 517	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 445	13.8	1.4	17	1	ABQ63739	Tumour suppression	C 518	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 446	13.8	1.4	17	1	ACA09002	NFKB sub-unit modu	C 519	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 447	13.8	1.4	17	1	ACA09002	NFKB sub-unit modu	C 520	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 448	13.8	1.4	17	1	ACA09002	NFKB sub-unit modu	C 521	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 449	13.8	1.4	17	1	ADB00052	Human MD23 scannin	522	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 450	13.8	1.4	17	1	ADB00052	Human MD23 scannin	523	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 451	13.8	1.4	17	1	ADB00054	Human MD23 scannin	524	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 452	13.8	1.4	17	1	ACC65263	Murine oligonucleo	525	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 453	13.8	1.4	17	1	ACC64648	Murine oligonucleo	C 526	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 454	13.8	1.4	17	1	ACC63630	Murine oligonucleo	C 527	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 455	13.8	1.4	17	1	ACC63643	Murine oligonucleo	528	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 456	13.8	1.4	17	1	ACC63438	Murine oligonucleo	C 529	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 457	13.8	1.4	17	1	ADB40040	Tumour suppression	C 530	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 458	13.8	1.4	17	1	ADB41320	Tumour suppression	531	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 459	13.8	1.4	17	1	ADI50598	Human tumour suppr	532	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 460	13.8	1.4	17	1	ADI49425	Human tumour suppr	C 533	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 461	13.8	1.4	17	1	ADI49425	Human tumour suppr	534	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 462	13.8	1.4	17	1	ABX13141	Rat p11 mutagenic	535	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 463	13.8	1.4	17	1	ADMS53967	Human GRID mRNA su	536	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 464	13.8	1.4	17	1	ACN63585	Human GDMPL-1 prob	C 537	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 465	13.8	1.4	17	1	ACN70806	Human GDMPL-1 prob	538	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 466	13.8	1.4	17	1	ACN70685	Human GDMPL-1 prob	C 539	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 467	13.8	1.4	17	1	ACN70685	Human GDMPL-1 prob	540	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 468	13.8	1.4	17	1	ACN70805	Human GDMPL-1 prob	541	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 469	13.8	1.4	17	1	ADR74696	Common primer for	542	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 470	13.8	1.4	18	1	AAT39740	rev-AS (2328) anti	543	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc
C 471	13.8	1.4	18	1	AAT43031	Juvenile glaucoma	544	13.8	1.4	19	1	ADG36269	HIV siNA oligonuc

c 545	13.4	1.4	17	1	ABV91099	Human POSHL1 scann	618	13.2	1.4	18	1	ADD26423	Human BCR intron 1
c 546	13.4	1.4	17	1	ABV91105	Human POSHL1 scann	c 619	13.2	1.4	18	1	ACF58297	Human IL-TIF CDNA
c 547	13.4	1.4	17	1	ABT31970	Tumour suppression	c 620	13.2	1.4	18	1	ADH69529	PCR primer ZC26415
c 548	13.4	1.4	17	1	ABT33045	Tumour suppression	c 621	13.2	1.4	18	1	ABT23665	Stabilising reagen
c 549	13.4	1.4	17	1	ABT39267	Tumour suppression	c 622	13.2	1.4	18	1	ABT23656	Stabilising reagen
c 550	13.4	1.4	17	1	AB261864	Human H-Ras DNazym	c 623	13.2	1.4	18	1	ADI58482	Human interleukin
c 551	13.4	1.4	17	1	AB2611330	Human H-Ras DNazym	c 624	13.2	1.4	18	1	ADM69761	Plant gene polymor
c 552	13.4	1.4	17	1	ACC66009	Murine oligonucleo	c 625	13.2	1.4	18	1	ADR17462	Human chromosome 1
c 553	13.4	1.4	17	1	ACC64573	Murine oligonucleo	c 626	13.2	1.4	18	1	ADR48113	Human chromosome 1
c 554	13.4	1.4	17	1	ACC64568	Murine oligonucleo	c 627	13	1.3	13	1	AAA26826	Trichosporon sp po
c 555	13.4	1.4	17	1	ACC64575	LRPS mutagenic PCR	c 628	13	1.3	13	1	ABF28359	Oligonucleotide SE
c 556	13.4	1.4	17	1	AD341073	Tumour suppression	c 629	13	1.3	13	1	ABF28358	Oligonucleotide SE
c 557	13.4	1.4	17	1	AD343229	Tumour suppression	c 630	13	1.3	13	1	ABF28357	Solute Carrier Fam
c 558	13.4	1.4	17	1	AD340679	Tumour suppression	c 631	13	1.3	13	1	ABK95976	Human LIPE gene po
c 559	13.4	1.4	17	1	AD344571	Tumour suppression	c 632	13	1.3	13	1	ABK95943	Human LIPE gene po
c 560	13.4	1.4	17	1	AD151271	Human tumour suppr	c 633	13	1.3	13	1	ADN91058	Oligonucleotide of
c 561	13.4	1.4	17	1	ACC52645	Human tumour suppr	c 634	13	1.3	13	1	AAT81210	Human c-myb hamme
c 562	13.4	1.4	17	1	ACD20009	Human C/EBP DNA f	c 635	13	1.3	13	1	AAT60343	Forward primer for
c 563	13.4	1.4	17	1	ACN70693	Human GDMPLP-1 prob	c 636	13	1.3	13	1	AAA36322	Human genomic SNP
c 564	13.4	1.4	17	1	ACN63584	Human GDMPLP-1 prob	c 637	13	1.3	13	1	AAH94857	Human Chk1 ribozym
c 565	13.4	1.4	17	1	ACN63583	Human GDMPLP-1 prob	c 638	13	1.3	13	1	AAH94858	Human Chk1 ribozym
c 566	13.4	1.4	18	1	AAT50609	Human CETP hairpin	c 639	13	1.3	13	1	ABN07710	Human GDMPLP-1 17-m
c 567	13.4	1.4	18	1	AAT50708	Rabbit CETP hairpi	c 640	13	1.3	13	1	ACN07867	WNV minus strand H
c 568	13.4	1.4	18	1	AAZ73000	Human biallelic ma	c 641	13	1.3	13	1	ACN12552	WNV minus strand Z
c 569	13.4	1.4	18	1	AAZ75130	Human biallelic ma	c 642	13	1.3	13	1	ACN10138	WNV minus strand I
c 570	13.4	1.4	18	1	AAA52046	Antisense oligonuc	c 643	13	1.3	13	1	ACN03003	WNV inozyme substr
c 571	13.4	1.4	18	1	AA411001	Human P13K p85 ant	c 644	13	1.3	13	1	ACN05307	WNV DNazyme subtr
c 572	13.4	1.4	18	1	ABT12998	Human cytochrome C	c 645	13	1.3	13	1	ACN03002	WNV inozyme subtr
c 573	13.4	1.4	18	1	AAJ55147	PGC-1 mutational a	c 646	13	1.3	13	1	ACN14428	WNV minus strand A
c 574	13.4	1.4	18	1	ADW06576	Human PCR primer S	c 647	13	1.3	13	1	ABT37774	Tumour suppression
c 575	13.4	1.4	18	1	ADW06437	Human PCR primer S	c 648	13	1.3	13	1	ABT38307	Tumour suppression
c 576	13.4	1.4	18	1	ADJ38158	Plastid division-r	c 649	13	1.3	13	1	ACA06536	NFKB sub-unit modu
c 577	13.4	1.4	19	1	AAA82434	cdk1 ribozyme bind	c 650	13	1.3	13	1	ACA06537	NFKB sub-unit modu
c 578	13.4	1.4	19	1	APR87029	Sequencing primer	c 651	13	1.3	13	1	ADB42638	Tumour suppression
c 579	13.4	1.4	19	1	AAH37681	SNP specific upper	c 652	13	1.3	13	1	ADB45962	Tumour suppression
c 580	13.4	1.4	19	1	AAH57596	Cell-cycle depende	c 653	13	1.3	13	1	ADB48000	Human NOVX reverse
c 581	13.4	1.4	19	1	ABZ76184	A. thaliana metall	c 654	13	1.3	13	1	ADI48149	Human tumour suppr
c 582	13.4	1.4	19	1	ACH66601	Sense PCR primer u	c 655	13	1.3	13	1	AQB84437	DPF10 PCR primer #
c 583	13.4	1.4	19	1	ACH7451	Human VEGFR3 short	c 656	13	1.3	13	1	ADJ79270	Human NOVX protein
c 584	13.4	1.4	19	1	ADF37698	Human VEGFR3 short	c 657	13	1.3	13	1	ADK13409	Human glioma endot
c 585	13.4	1.4	19	1	ADH16597	Human BACE siNA lo	c 658	13	1.3	13	1	ADK13120	Human glioma endot
c 586	13.4	1.4	19	1	ADH16272	Human BACE transcr	c 659	13	1.3	13	1	ADO42100	Short tandem repea
c 587	13.4	1.4	19	1	ABV75390	TGFBI promoter T(-	c 660	13	1.3	13	1	ACN70800	Human GDMPLP-1 prob
c 588	13.4	1.4	19	1	AD014956	Human PDGFr-target	c 661	13	1.3	13	1	ABL31588	Human HLA genotypi
c 589	13.4	1.4	19	1	AD015167	Human PDGFr-target	c 662	13	1.3	13	1	ACG83808	Glyceraldehyde 3-p
c 590	13.4	1.4	19	1	ADH01971	Protein tyrosine p	c 663	13	1.3	13	1	ADP46379	Extend primer 8 us
c 591	13.4	1.4	19	1	ADQ27669	RNA interference p	c 664	12.8	1.3	13	1	AAQ95946	Primer B (Group 13
c 592	13.2	1.4	18	1	AAQ41367	Monomer DRB1002 fo	c 665	12.8	1.3	13	1	ADR43841	Human thioredoxin
c 593	13.2	1.4	18	1	AAQ55068	Sequence of fragme	c 666	12.8	1.3	13	1	ADR70003	Human survivin gen
c 594	13.2	1.4	18	1	AAV56750	Mouse TNF-alpha ha	c 667	12.8	1.3	13	1	AAV75131	Mouse flt-1 VEGF r
c 595	13.2	1.4	18	1	AAV02860	Human HMG1-C gene	c 668	12.8	1.3	13	1	AAV62852	Delta-9 desaturase
c 596	13.2	1.4	18	1	AAV14198	Probe HBP-93 for g	c 669	12.8	1.3	13	1	AAV94636	Human IL-2 recepto
c 597	13.2	1.4	18	1	AAK03785	Human C5 antisense	c 670	12.8	1.3	13	1	AAK33137	Beta-galactosidase
c 598	13.2	1.4	18	1	AAZ40992	Human RhoC phospho	c 671	12.8	1.3	13	1	AAZ24932	Oestrogen receptor
c 599	13.2	1.4	18	1	AAZ44132	Human EGR-1 DNA an	c 672	12.8	1.3	13	1	AAV02649	Hammerhead ribozym
c 600	13.2	1.4	18	1	AAZ72009	Human biallelic ma	c 673	12.8	1.3	13	1	AAV07119	Hammerhead ribozym
c 601	13.2	1.4	18	1	AAK52269	Human C5 antisense	c 674	12.8	1.3	13	1	AAV01952	Hammerhead ribozym
c 602	13.2	1.4	18	1	AAK99734	Human C5 gene anti	c 675	12.8	1.3	13	1	AAV03081	Hammerhead ribozym
c 603	13.2	1.4	18	1	AAZ93479	TRADD antisense ol	c 676	12.8	1.3	13	1	AAV07020	Hammerhead ribozym
c 604	13.2	1.4	18	1	AAV79609	Human Akt-3 antise	c 677	12.8	1.3	13	1	AAV03080	Hammerhead ribozym
c 605	13.2	1.4	18	1	AAV94713	Rho C antisense ph	c 678	12.8	1.3	13	1	ABK03693	Human CD20 Amberzy
c 606	13.2	1.4	18	1	AAO97929	ZC26415 PCR primer	c 679	12.8	1.3	13	1	ABA78473	CFTR mutation corr
c 607	13.2	1.4	18	1	ABK23316	Zmax1 gene region	c 680	12.8	1.3	13	1	ABA78474	CFTR mutation corr
c 608	13.2	1.4	18	1	ABT06048	Human Zmax1 cDNA r	c 681	12.8	1.3	13	1	ABL46608	Human GRID NCH rib
c 609	13.2	1.4	18	1	ABT06048	Human IgM heavy ch	c 682	12.8	1.3	13	1	ABL47070	Human GRID DNazyme
c 610	13.2	1.4	18	1	ABT06048	Human IgM heavy ch	c 683	12.8	1.3	13	1	ABL47135	Human GRID Amberzy
c 611	13.2	1.4	18	1	ABL330592	Human HLA genotypi	c 684	12.8	1.3	13	1	ABL47200	Human GRID Amberzy
c 612	13.2	1.4	18	1	AA41287	Human C6ST gene am	c 685	12.8	1.3	13	1	ABL46823	Human GRID NCH rib
c 613	13.2	1.4	18	1	ABZ74876	Human carnitine tr	c 686	12.8	1.3	13	1	ABL47093	Human GRID DNazyme
c 614	13.2	1.4	18	1	ACC45899	Human HBM STS mark	c 687	12.8	1.3	13	1	AAV79904	Primer used to amp
c 615	13.2	1.4	18	1	ADN19636	Human obesity rela	c 688	12.8	1.3	13	1	ABL92158	Long human Tumour
c 616	13.2	1.4	18	1	ADN98597	Sequence tagged si	c 689	12.8	1.3	13	1	ABL92157	Long human Tumour
c 617	13.2	1.4	18	1	ADC02807	Ex vivo stem-cell	c 690	12.8	1.3	13	1	ABN07717	Human GDMPLP-1 17-m

691	12.8	1.3	17	1	ABN07594	Human GDMLP-1 17-m	764	12.8	1.3	17	1	ABX72083	Human tumour endot
692	12.8	1.3	17	1	ABN00496	Human GDMLP-1 17-m	765	12.8	1.3	17	1	ABX72082	Human tumour endot
693	12.8	1.3	17	1	ABQ63738	Human KtomiA porti	766	12.8	1.3	17	1	ADL47061	Human NKG2 receptor
694	12.8	1.3	17	1	AD24250	Human ERG DNAzyme	767	12.8	1.3	17	1	ADL48439	Human IKK-gamma su
695	12.8	1.3	17	1	ABK19447	Human ERG DNAzyme	768	12.8	1.3	17	1	ADL48432	Human NKG2 receptor
696	12.8	1.3	17	1	ABK18886	Human ERG DNAzyme	769	12.8	1.3	17	1	ADL48316	Human IKK-gamma su
697	12.8	1.3	17	1	ABK17494	Human ERG DNAzyme	770	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
698	12.8	1.3	17	1	ABK17493	Human ERG DNAzyme	771	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
699	12.8	1.3	17	1	ABL31707	Human HLA genotypi	772	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
700	12.8	1.3	17	1	ABK56151	Human CLCA1 gene e	773	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
701	12.8	1.3	17	1	ABK56380	Human CLCA1 gene e	774	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
702	12.8	1.3	17	1	ABK56152	Human CLCA1 gene e	775	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
703	12.8	1.3	17	1	ACN06328	WNV Amberyne subs	776	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
704	12.8	1.3	17	1	ACN14786	WNV Amberyne subs	777	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
705	12.8	1.3	17	1	ACN06329	WNV Amberyne subs	778	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
706	12.8	1.3	17	1	ACN06329	WNV Amberyne subs	779	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
707	12.8	1.3	17	1	ACN12684	WNV Inozyme subtr	780	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
708	12.8	1.3	17	1	ACN02796	WNV Inozyme subtr	781	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
709	12.8	1.3	17	1	ACN02364	WNV Inozyme subtr	782	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
710	12.8	1.3	17	1	ACN00700	WNV Hammerhead Rib	783	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
711	12.8	1.3	17	1	ACN10982	WNV minus strand I	784	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
712	12.8	1.3	17	1	ABT35748	Tumour suppression	785	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
713	12.8	1.3	17	1	ABT35748	Tumour suppression	786	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
714	12.8	1.3	17	1	ACA07755	NFKB sub-unit modu	787	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
715	12.8	1.3	17	1	ACA06470	NFKB sub-unit modu	788	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
716	12.8	1.3	17	1	ACA06471	NFKB sub-unit modu	789	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
717	12.8	1.3	17	1	ACA06516	NFKB sub-unit modu	790	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
718	12.8	1.3	17	1	ACA06464	NFKB sub-unit modu	791	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
719	12.8	1.3	17	1	ACA07747	NFKB sub-unit modu	792	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
720	12.8	1.3	17	1	ADB053329	Human MD212 scanni	793	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
721	12.8	1.3	17	1	ADB05330	Human MD212 scanni	794	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
722	12.8	1.3	17	1	ADB00051	Human MD23 scanni	795	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
723	12.8	1.3	17	1	ADB00055	Human MD23 scanni	796	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
724	12.8	1.3	17	1	ADB02516	Human MD24 scanni	797	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
725	12.8	1.3	17	1	ADB02515	Human MD24 scanni	798	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
726	12.8	1.3	17	1	ABZ61238	Human H-Ras DNazym	799	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
727	12.8	1.3	17	1	ABZ59953	Human K-Ras DNazym	800	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
728	12.8	1.3	17	1	ABZ59954	Human K-Ras DNazym	801	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
729	12.8	1.3	17	1	ABZ59954	Human K-Ras DNazym	802	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
730	12.8	1.3	17	1	ABZ65504	Human HER2 DNazyme	803	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
731	12.8	1.3	17	1	ABZ61654	Human H-Ras DNazym	804	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
732	12.8	1.3	17	1	ABZ62204	Human H-Ras DNazym	805	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
733	12.8	1.3	17	1	ABZ64571	Human HER2 DNazyme	806	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
734	12.8	1.3	17	1	ACD61605	HCV minus strand D	807	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
735	12.8	1.3	17	1	ACD61063	HCV DNazyme subtr	808	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
736	12.8	1.3	17	1	ACD61064	HCV DNazyme subtr	809	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
737	12.8	1.3	17	1	ACD61618	HCV minus strand D	810	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
738	12.8	1.3	17	1	ACD61606	HCV minus strand D	811	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
739	12.8	1.3	17	1	ACC66305	Murine oligonucleo	812	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
740	12.8	1.3	17	1	ACC64234	Murine oligonucleo	813	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
741	12.8	1.3	17	1	ACC67719	Murine oligonucleo	814	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
742	12.8	1.3	17	1	ACC63436	Murine oligonucleo	815	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
743	12.8	1.3	17	1	ACC63442	Murine oligonucleo	816	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
744	12.8	1.3	17	1	ACC63424	Murine oligonucleo	817	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
745	12.8	1.3	17	1	ACC64399	Murine oligonucleo	818	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
746	12.8	1.3	17	1	ADB42193	Tumour suppression	819	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
747	12.8	1.3	17	1	ADB42709	Tumour suppression	820	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
748	12.8	1.3	17	1	ADB41415	Tumour suppression	821	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
749	12.8	1.3	17	1	ADC03734	Human Na/H exchang	822	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
750	12.8	1.3	17	1	ADC03733	Human Na/H exchang	823	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
751	12.8	1.3	17	1	ADB45540	Tumour suppression	824	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
752	12.8	1.3	17	1	ADB44781	Tumour suppression	825	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
753	12.8	1.3	17	1	ADB44421	Tumour suppression	826	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
754	12.8	1.3	17	1	ADC98398	FT104 polymorphis	827	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
755	12.8	1.3	17	1	ADP64389	Human PCCP1 DNA fr	828	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
756	12.8	1.3	17	1	ADP64390	Human PCCP1 DNA fr	829	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
757	12.8	1.3	17	1	ADG70291	CLLD8 exon 12 and	830	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
758	12.8	1.3	17	1	ADI52105	Human tumour suppr	831	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
759	12.8	1.3	17	1	ADI50239	Human tumour suppr	832	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
760	12.8	1.3	17	1	ADI49914	Human tumour suppr	833	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
761	12.8	1.3	17	1	ACC52597	Human tumour suppr	834	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
762	12.8	1.3	17	1	ACC53030	Human tumour suppr	835	12.8	1.3	17	1	ADL48867	Human IKK-gamma su
763	12.8	1.3	17	1	ACC52357	Human tumour suppr	836	12.8	1.3	17	1	ADL48867	Human IKK-gamma su

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OM nucleic - nucleic search, using sw model

Run on: June 27, 2005, 16:55:02 ; Search time 8 Seconds
(without alignments)
3.429 Million cell updates/sec

Title: us-09-915-814-3

Perfect score: 970

Sequence: 1 ttcttgaagagtgcta.....ttcttgagtggtgcagatg 970

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 805 seqs, 14141 residues

Total number of hits satisfying chosen parameters: 1610

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 807 summaries

Database : rgedb.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	18.2	1.9	24	E13893	ACCESSION: E13893
2	18.2	1.9	25	CQ627745	ACCESSION: CQ627745
3	18.2	1.9	25	CQ627746	ACCESSION: CQ627746
4	18.2	1.9	25	CQ627747	ACCESSION: CQ627747
5	18.2	1.9	25	AR468808	ACCESSION: AR468808
6	18.2	1.9	25	AR468809	ACCESSION: AR468809
7	18.2	1.9	25	AR468810	ACCESSION: AR468810
8	17.4	1.8	20	I25277	ACCESSION: I25277
9	17	1.8	20	AR292330	ACCESSION: AR292330
C 10	16.8	1.7	20	AX035665	ACCESSION: AX035665
C 11	16.8	1.7	22	AR233756	ACCESSION: AR233756
12	16.2	1.7	22	AX183869	ACCESSION: AX183869
13	16.2	1.7	22	AX591252	ACCESSION: AX591252
C 14	16.2	1.7	23	AX164418	ACCESSION: AX164418
15	15.6	1.6	22	AR1881	ACCESSION: AR1881
16	15.6	1.6	22	AR120684	ACCESSION: AR120684
17	15.6	1.6	22	BD135550	ACCESSION: BD135550
18	15.6	1.6	22	AR266660	ACCESSION: AR266660
19	15.4	1.6	17	CQ622852	ACCESSION: CQ622852
20	15.4	1.6	17	CQ622853	ACCESSION: CQ622853
21	15.4	1.6	17	AR463915	ACCESSION: AR463915
22	15.4	1.6	17	AR463916	ACCESSION: AR463916
C 23	15.4	1.6	17	AX532305	ACCESSION: AX532305
C 24	15.4	1.6	17	AX532307	ACCESSION: AX532307
25	15.4	1.6	17	AX672563	ACCESSION: AX672563
26	15.4	1.6	17	AX735475	ACCESSION: AX735475
C 27	15.4	1.6	20	E50955	ACCESSION: E50955
C 28	15.4	1.6	20	AX962802	ACCESSION: AX962802
29	15.4	1.6	22	AX360176	ACCESSION: AX360176
C 30	15.2	1.6	20	BD230194	ACCESSION: BD230194
31	15.2	1.6	20	BD232554	ACCESSION: BD232554
32	15.2	1.6	20	AR363588	ACCESSION: AR363588
33	15.2	1.6	20	AX009496	ACCESSION: AX009496

C 34	15.2	1.6	21	AR035033	ACCESSION: AR035033
C 35	15.2	1.6	21	BD276185	ACCESSION: BD276185
C 36	15.2	1.6	21	E11006	ACCESSION: E11006
C 37	15.2	1.6	21	I34868	ACCESSION: I34868
C 38	15.2	1.6	21	I88642	ACCESSION: I88642
C 39	15.2	1.6	21	AR264530	ACCESSION: AR264530
C 40	15	1.5	17	AX532306	ACCESSION: AX532306
41	15	1.5	18	BD191371	ACCESSION: BD191371
42	15	1.5	18	AR260472	ACCESSION: AR260472
43	15	1.5	18	BD085312	ACCESSION: BD085312
C 44	14.8	1.5	18	AR080724	ACCESSION: AR080724
C 45	14.8	1.5	18	AR162707	ACCESSION: AR162707
C 46	14.8	1.5	18	BD227767	ACCESSION: BD227767
C 47	14.8	1.5	18	AX659160	ACCESSION: AX659160
C 48	14.8	1.5	19	CQ801707	ACCESSION: CQ801707
C 49	14.8	1.5	19	CQ801828	ACCESSION: CQ801828
50	14.8	1.5	19	AR490936	ACCESSION: AR490936
C 51	14.8	1.5	19	AX659161	ACCESSION: AX659161
52	14.8	1.5	19	AX710207	ACCESSION: AX710207
53	14.8	1.5	20	AR067266	ACCESSION: AR067266
C 54	14.8	1.5	20	AR073718	ACCESSION: AR073718
55	14.8	1.5	20	AR136253	ACCESSION: AR136253
56	14.8	1.5	20	AR152732	ACCESSION: AR152732
C 57	14.8	1.5	20	AR152764	ACCESSION: AR152764
58	14.8	1.5	20	AR169283	ACCESSION: AR169283
C 59	14.8	1.5	20	AR169315	ACCESSION: AR169315
60	14.8	1.5	20	BD134188	ACCESSION: BD134188
C 61	14.8	1.5	20	BD134220	ACCESSION: BD134220
62	14.8	1.5	20	BD247708	ACCESSION: BD247708
C 63	14.8	1.5	20	AR252771	ACCESSION: AR252771
C 64	14.8	1.5	20	AR252791	ACCESSION: AR252791
65	14.8	1.5	20	AR255072	ACCESSION: AR255072
66	14.8	1.5	20	AR271128	ACCESSION: AR271128
67	14.8	1.5	20	AR337123	ACCESSION: AR337123
68	14.8	1.5	20	AR567361	ACCESSION: AR567361
C 69	14.8	1.5	20	AR567393	ACCESSION: AR567393
70	14.8	1.5	20	AR567540	ACCESSION: AR567540
71	14.8	1.5	20	AX139111	ACCESSION: AX139111
72	14.8	1.5	20	AX402356	ACCESSION: AX402356
73	14.8	1.5	20	BD014853	ACCESSION: BD014853
C 74	14.8	1.5	21	CQ830934	ACCESSION: CQ830934
75	14.4	1.5	16	BD087781	ACCESSION: BD087781
76	14.4	1.5	16	BD089447	ACCESSION: BD089447
77	14.4	1.5	16	AB068016	ACCESSION: AB068016
78	14.4	1.5	17	CQ622851	ACCESSION: CQ622851
79	14.4	1.5	17	CQ622854	ACCESSION: CQ622854
C 80	14.4	1.5	17	CQ622965	ACCESSION: CQ622965
C 81	14.4	1.5	17	CQ622966	ACCESSION: CQ622966
82	14.4	1.5	17	AR463914	ACCESSION: AR463914
83	14.4	1.5	17	AR463917	ACCESSION: AR463917
C 84	14.4	1.5	17	AR464028	ACCESSION: AR464028
C 85	14.4	1.5	17	AR464029	ACCESSION: AR464029
86	14.4	1.5	17	AX217683	ACCESSION: AX217683
C 87	14.4	1.5	17	AX227270	ACCESSION: AX227270
C 88	14.4	1.5	17	AX227405	ACCESSION: AX227405
C 89	14.4	1.5	17	AX532304	ACCESSION: AX532304
C 90	14.4	1.5	17	AX532308	ACCESSION: AX532308
91	14.4	1.5	17	AX672711	ACCESSION: AX672711
92	14.4	1.5	17	AX724315	ACCESSION: AX724315
C 93	14.4	1.5	17	AX756862	ACCESSION: AX756862
C 94	14.4	1.5	17	AX762013	ACCESSION: AX762013
95	14.4	1.5	19	AX129890	ACCESSION: AX129890
96	14.4	1.5	20	AR017550	ACCESSION: AR017550
97	14.4	1.5	20	CQ759163	ACCESSION: CQ759163
98	14.4	1.5	20	I21728	ACCESSION: I21728
99	14.4	1.5	20	I26109	ACCESSION: I26109
C 100	14.4	1.5	20	AR213522	ACCESSION: AR213522
101	14.4	1.5	20	AR255070	ACCESSION: AR255070
102	14.4	1.5	20	AR255071	ACCESSION: AR255071
103	14.4	1.5	20	AR255084	ACCESSION: AR255084
104	14.4	1.5	20	AR255085	ACCESSION: AR255085
C 105	14.4	1.5	20	AR315546	ACCESSION: AR315546
C 106	14.4	1.5	20	AR437316	ACCESSION: AR437316

C 107	14.4	1.5	20	1	AR442464	ACCESSION:AR442464	180	13.8	1.4	17	1	AX218250	ACCESSION:AX218250
C 108	14.4	1.5	20	1	AX113639	ACCESSION:AX113639	181	13.8	1.4	17	1	AX272673	ACCESSION:AX272673
C 109	14.4	1.5	20	1	AX708737	ACCESSION:AX708737	182	13.8	1.4	17	1	AX273198	ACCESSION:AX273198
C 110	14.4	1.5	20	1	AX926057	ACCESSION:AX926057	183	13.8	1.4	17	1	AX475294	ACCESSION:AX475294
C 111	14.4	1.5	20	1	AX926148	ACCESSION:AX926148	184	13.8	1.4	17	1	AX688306	ACCESSION:AX688306
C 112	14.2	1.5	19	1	AR292785	ACCESSION:AR292785	185	13.8	1.4	17	1	AX688307	ACCESSION:AX688307
C 113	14.2	1.5	19	1	AX018812	ACCESSION:AX018812	186	13.8	1.4	17	1	AX688308	ACCESSION:AX688308
C 114	14.2	1.5	19	1	AX352913	ACCESSION:AX352913	187	13.8	1.4	17	1	AX710205	ACCESSION:AX710205
C 115	14.2	1.5	19	1	AX362758	ACCESSION:AX362758	188	13.8	1.4	17	1	AX722998	ACCESSION:AX722998
C 116	14.2	1.5	20	1	AX1521	ACCESSION:AX1521	189	13.8	1.4	17	1	AX723190	ACCESSION:AX723190
C 117	14.2	1.5	20	1	AX57905	ACCESSION:AX57905	190	13.8	1.4	17	1	AX723403	ACCESSION:AX723403
C 118	14.2	1.5	20	1	AR020468	ACCESSION:AR020468	191	13.8	1.4	17	1	AX724208	ACCESSION:AX724208
C 119	14.2	1.5	20	1	AR158864	ACCESSION:AR158864	192	13.8	1.4	17	1	AX724823	ACCESSION:AX724823
C 120	14.2	1.5	20	1	AR158865	ACCESSION:AR158865	193	13.8	1.4	17	1	AX730357	ACCESSION:AX730357
C 121	14.2	1.5	20	1	BD137009	ACCESSION:BD137009	194	13.8	1.4	17	1	AX736285	ACCESSION:AX736285
C 122	14.2	1.5	20	1	BD174239	ACCESSION:BD174239	195	13.8	1.4	17	1	AX736338	ACCESSION:AX736338
C 123	14.2	1.5	20	1	BD174243	ACCESSION:BD174243	196	13.8	1.4	17	1	AX737511	ACCESSION:AX737511
C 124	14.2	1.5	20	1	CQ764033	ACCESSION:CQ764033	197	13.8	1.4	17	1	AX757042	ACCESSION:AX757042
C 125	14.2	1.5	20	1	CQ764166	ACCESSION:CQ764166	198	13.8	1.4	17	1	AX758322	ACCESSION:AX758322
C 126	14.2	1.5	20	1	CQ764446	ACCESSION:CQ764446	199	13.8	1.4	18	1	AX57744	ACCESSION:AX57744
C 127	14.2	1.5	20	1	CQ764501	ACCESSION:CQ764501	200	13.8	1.4	18	1	162695	ACCESSION:162695
C 128	14.2	1.5	20	1	CQ767554	ACCESSION:CQ767554	201	13.8	1.4	18	1	AX705345	ACCESSION:AX705345
C 129	14.2	1.5	20	1	CQ876529	ACCESSION:CQ876529	202	13.8	1.4	18	1	AX705346	ACCESSION:AX705346
C 130	14.2	1.5	20	1	AR225992	ACCESSION:AR225992	203	13.8	1.4	18	1	AX838300	ACCESSION:AX838300
C 131	14.2	1.5	20	1	AR235511	ACCESSION:AR235511	204	13.8	1.4	18	1	AR127420	ACCESSION:AR127420
C 132	14.2	1.5	20	1	AR261622	ACCESSION:AR261622	205	13.8	1.4	19	1	BD195707	ACCESSION:BD195707
C 133	14.2	1.5	20	1	AR303841	ACCESSION:AR303841	206	13.8	1.4	19	1	AR282800	ACCESSION:AR282800
C 134	14.2	1.5	20	1	AR311976	ACCESSION:AR311976	207	13.8	1.4	19	1	AR300514	ACCESSION:AR300514
C 135	14.2	1.5	20	1	AR312036	ACCESSION:AR312036	208	13.8	1.4	19	1	AR340596	ACCESSION:AR340596
C 136	14.2	1.5	20	1	AR314198	ACCESSION:AR314198	209	13.8	1.4	19	1	AR490929	ACCESSION:AR490929
C 137	14.2	1.5	20	1	AR314468	ACCESSION:AR314468	210	13.8	1.4	19	1	AR490949	ACCESSION:AR490949
C 138	14.2	1.5	20	1	AR370194	ACCESSION:AR370194	211	13.8	1.4	19	1	AX129436	ACCESSION:AX129436
C 139	14.2	1.5	20	1	AR371902	ACCESSION:AR371902	212	13.8	1.4	19	1	AX129940	ACCESSION:AX129940
C 140	14.2	1.5	20	1	AX093758	ACCESSION:AX093758	213	13.8	1.4	19	1	AX130849	ACCESSION:AX130849
C 141	14.2	1.5	20	1	AX134130	ACCESSION:AX134130	214	13.8	1.4	19	1	AX132384	ACCESSION:AX132384
C 142	14.2	1.5	20	1	AX189739	ACCESSION:AX189739	215	13.4	1.4	15	1	BD266376	ACCESSION:BD266376
C 143	14.2	1.5	20	1	AX292977	ACCESSION:AX292977	216	13.4	1.4	17	1	AR045661	ACCESSION:AR045661
C 144	14.2	1.5	20	1	AX750451	ACCESSION:AX750451	217	13.4	1.4	17	1	CQ615745	ACCESSION:CQ615745
C 145	14.2	1.5	20	1	AX766430	ACCESSION:AX766430	218	13.4	1.4	17	1	CQ615746	ACCESSION:CQ615746
C 146	14.2	1.5	20	1	AX766434	ACCESSION:AX766434	219	13.4	1.4	17	1	CQ622855	ACCESSION:CQ622855
C 147	14.2	1.5	20	1	AX955803	ACCESSION:AX955803	220	13.4	1.4	17	1	152713	ACCESSION:152713
C 148	14.2	1.5	20	1	BD090075	ACCESSION:BD090075	221	13.4	1.4	17	1	AR192055	ACCESSION:AR192055
C 149	14.2	1.5	20	1	AB068830	ACCESSION:AB068830	222	13.4	1.4	17	1	AR192218	ACCESSION:AR192218
C 150	14	1.4	14	1	AR363099	ACCESSION:AR363099	223	13.4	1.4	17	1	AR192219	ACCESSION:AR192219
C 151	14	1.4	17	1	CQ622849	ACCESSION:CQ622849	224	13.4	1.4	17	1	AR192582	ACCESSION:AR192582
C 152	14	1.4	17	1	CQ622850	ACCESSION:CQ622850	225	13.4	1.4	17	1	AR211617	ACCESSION:AR211617
C 153	14	1.4	17	1	CQ622963	ACCESSION:CQ622963	226	13.4	1.4	17	1	AR325937	ACCESSION:AR325937
C 154	14	1.4	17	1	CQ622964	ACCESSION:CQ622964	227	13.4	1.4	17	1	AR326089	ACCESSION:AR326089
C 155	14	1.4	17	1	AR463912	ACCESSION:AR463912	228	13.4	1.4	17	1	AR326090	ACCESSION:AR326090
C 156	14	1.4	17	1	AR463913	ACCESSION:AR463913	229	13.4	1.4	17	1	AR326451	ACCESSION:AR326451
C 157	14	1.4	17	1	AR464026	ACCESSION:AR464026	230	13.4	1.4	17	1	AR401932	ACCESSION:AR401932
C 158	14	1.4	17	1	AR464027	ACCESSION:AR464027	231	13.4	1.4	17	1	AR456808	ACCESSION:AR456808
C 159	14	1.4	17	1	AX725898	ACCESSION:AX725898	232	13.4	1.4	17	1	AR456809	ACCESSION:AR456809
C 160	14	1.4	18	1	192665	ACCESSION:192665	233	13.4	1.4	17	1	AR463918	ACCESSION:AR463918
C 161	14	1.4	20	1	AR100379	ACCESSION:AR100379	234	13.4	1.4	17	1	AX183741	ACCESSION:AX183741
C 162	14	1.4	20	1	AR150034	ACCESSION:AR150034	235	13.4	1.4	17	1	AX218027	ACCESSION:AX218027
C 163	14	1.4	20	1	BD27907	ACCESSION:BD27907	236	13.4	1.4	17	1	AX227269	ACCESSION:AX227269
C 164	14	1.4	20	1	AR310832	ACCESSION:AR310832	237	13.4	1.4	17	1	AX475295	ACCESSION:AX475295
C 165	13.8	1.4	17	1	BD241277	ACCESSION:BD241277	238	13.4	1.4	17	1	AX475296	ACCESSION:AX475296
C 166	13.8	1.4	17	1	CQ615747	ACCESSION:CQ615747	239	13.4	1.4	17	1	AX532303	ACCESSION:AX532303
C 167	13.8	1.4	17	1	CQ622847	ACCESSION:CQ622847	240	13.4	1.4	17	1	AX532309	ACCESSION:AX532309
C 168	13.8	1.4	17	1	CQ622848	ACCESSION:CQ622848	241	13.4	1.4	17	1	AX672967	ACCESSION:AX672967
C 169	13.8	1.4	17	1	CQ622967	ACCESSION:CQ622967	242	13.4	1.4	17	1	AX724133	ACCESSION:AX724133
C 170	13.8	1.4	17	1	CQ622968	ACCESSION:CQ622968	243	13.4	1.4	17	1	AX724228	ACCESSION:AX724228
C 171	13.8	1.4	17	1	AR196263	ACCESSION:AR196263	244	13.4	1.4	17	1	AX725569	ACCESSION:AX725569
C 172	13.8	1.4	17	1	AR328770	ACCESSION:AR328770	245	13.4	1.4	17	1	AX731973	ACCESSION:AX731973
C 173	13.8	1.4	17	1	AR456810	ACCESSION:AR456810	246	13.4	1.4	17	1	AX732048	ACCESSION:AX732048
C 174	13.8	1.4	17	1	AR463910	ACCESSION:AR463910	247	13.4	1.4	17	1	AX733270	ACCESSION:AX733270
C 175	13.8	1.4	17	1	AR463911	ACCESSION:AR463911	248	13.4	1.4	17	1	AX738184	ACCESSION:AX738184
C 176	13.8	1.4	17	1	AR464030	ACCESSION:AR464030	249	13.4	1.4	17	1	AX757681	ACCESSION:AX757681
C 177	13.8	1.4	17	1	AR464031	ACCESSION:AR464031	250	13.4	1.4	17	1	AX758075	ACCESSION:AX758075
C 178	13.8	1.4	17	1	AR482778	ACCESSION:AR482778	251	13.4	1.4	17	1	AX760231	ACCESSION:AX760231
C 179	13.8	1.4	17	1	AX218249	ACCESSION:AX218249	252	13.4	1.4	17	1	AX761573	ACCESSION:AX761573

253	13.4	1.4	17	1	BD067432	ACCESSION:BD067432	c 326	12.8	1.3	16	1	AX247596	ACCESSION:AX247596
254	13.4	1.4	18	1	I77229	ACCESSION:I77229	327	12.8	1.3	17	1	A97970	ACCESSION:A97970
255	13.4	1.4	18	1	AR295621	ACCESSION:AR295621	328	12.8	1.3	17	1	AR039283	ACCESSION:AR039283
c 256	13.4	1.4	18	1	AR297751	ACCESSION:AR297751	c 329	12.8	1.3	17	1	AR130717	ACCESSION:AR130717
257	13.4	1.4	18	1	AR837998	ACCESSION:AR837998	330	12.8	1.3	17	1	BD254150	ACCESSION:BD254150
258	13.4	1.4	18	1	AX838137	ACCESSION:AX838137	331	12.8	1.3	17	1	BD254847	ACCESSION:BD254847
259	13.4	1.4	19	1	AR004645	ACCESSION:AR004645	c 332	12.8	1.3	17	1	BD255278	ACCESSION:BD255278
260	13.4	1.4	19	1	AR034557	ACCESSION:AR034557	c 333	12.8	1.3	17	1	BD255279	ACCESSION:BD255279
261	13.4	1.4	19	1	I89247	ACCESSION:I89247	334	12.8	1.3	17	1	BD259218	ACCESSION:BD259218
262	13.4	1.4	19	1	AR364420	ACCESSION:AR364420	c 335	12.8	1.3	17	1	BD259317	ACCESSION:BD259317
c 263	13.4	1.4	19	1	AX115354	ACCESSION:AX115354	336	12.8	1.3	17	1	CQ615748	ACCESSION:CQ615748
c 264	13.4	1.4	19	1	AX128802	ACCESSION:AX128802	337	12.8	1.3	17	1	CQ622846	ACCESSION:CQ622846
265	13.4	1.4	19	1	AX134135	ACCESSION:AX134135	c 338	12.8	1.3	17	1	CQ622969	ACCESSION:CQ622969
266	13.4	1.4	19	1	AX189744	ACCESSION:AX189744	c 339	12.8	1.3	17	1	AR192393	ACCESSION:AR192393
267	13.4	1.4	19	1	AX615126	ACCESSION:AX615126	c 340	12.8	1.3	17	1	AR196262	ACCESSION:AR196262
c 268	13.2	1.4	18	1	A66926	ACCESSION:A66926	341	12.8	1.3	17	1	AR254963	ACCESSION:AR254963
269	13.2	1.4	18	1	A89440	ACCESSION:A89440	342	12.8	1.3	17	1	AR286197	ACCESSION:AR286197
c 270	13.2	1.4	18	1	AR042353	ACCESSION:AR042353	c 343	12.8	1.3	17	1	AR326262	ACCESSION:AR326262
c 271	13.2	1.4	18	1	AR068299	ACCESSION:AR068299	c 344	12.8	1.3	17	1	AR370341	ACCESSION:AR370341
c 272	13.2	1.4	18	1	AR096626	ACCESSION:AR096626	345	12.8	1.3	17	1	AR398187	ACCESSION:AR398187
273	13.2	1.4	18	1	AR098794	ACCESSION:AR098794	346	12.8	1.3	17	1	AR456811	ACCESSION:AR456811
274	13.2	1.4	18	1	AR130025	ACCESSION:AR130025	347	12.8	1.3	17	1	AR463909	ACCESSION:AR463909
275	13.2	1.4	18	1	BD185912	ACCESSION:BD185912	c 348	12.8	1.3	17	1	AR464032	ACCESSION:AR464032
c 276	13.2	1.4	18	1	BD185921	ACCESSION:BD185921	c 349	12.8	1.3	17	1	AR534772	ACCESSION:AR534772
c 277	13.2	1.4	18	1	BD250587	ACCESSION:BD250587	350	12.8	1.3	17	1	AX218251	ACCESSION:AX218251
c 278	13.2	1.4	18	1	I68997	ACCESSION:I68997	c 351	12.8	1.3	17	1	AX263928	ACCESSION:AX263928
279	13.2	1.4	18	1	I72012	ACCESSION:I72012	352	12.8	1.3	17	1	AX272672	ACCESSION:AX272672
280	13.2	1.4	18	1	I75091	ACCESSION:I75091	353	12.8	1.3	17	1	AX272887	ACCESSION:AX272887
281	13.2	1.4	18	1	AR211740	ACCESSION:AR211740	354	12.8	1.3	17	1	AX273134	ACCESSION:AX273134
c 282	13.2	1.4	18	1	AR215589	ACCESSION:AR215589	c 355	12.8	1.3	17	1	AX273157	ACCESSION:AX273157
c 283	13.2	1.4	18	1	AR232057	ACCESSION:AR232057	356	12.8	1.3	17	1	AX273199	ACCESSION:AX273199
c 284	13.2	1.4	18	1	AR253595	ACCESSION:AR253595	357	12.8	1.3	17	1	AX273264	ACCESSION:AX273264
285	13.2	1.4	18	1	AR281361	ACCESSION:AR281361	c 358	12.8	1.3	17	1	AX393393	ACCESSION:AX393393
c 286	13.2	1.4	18	1	AR294630	ACCESSION:AR294630	359	12.8	1.3	17	1	AX393394	ACCESSION:AX393394
c 287	13.2	1.4	18	1	AR364838	ACCESSION:AR364838	360	12.8	1.3	17	1	AX421804	ACCESSION:AX421804
c 288	13.2	1.4	18	1	AR488428	ACCESSION:AR488428	c 361	12.8	1.3	17	1	AX421805	ACCESSION:AX421805
c 289	13.2	1.4	18	1	AX179590	ACCESSION:AX179590	c 362	12.8	1.3	17	1	AX423197	ACCESSION:AX423197
c 290	13.2	1.4	18	1	AX637798	ACCESSION:AX637798	c 363	12.8	1.3	17	1	AX423758	ACCESSION:AX423758
c 291	13.2	1.4	18	1	AX696650	ACCESSION:AX696650	c 364	12.8	1.3	17	1	AX428848	ACCESSION:AX428848
292	13.2	1.4	18	1	AX763946	ACCESSION:AX763946	365	12.8	1.3	17	1	AX475293	ACCESSION:AX475293
293	13.2	1.4	18	1	BD066953	ACCESSION:BD066953	366	12.8	1.3	17	1	AX578684	ACCESSION:AX578684
294	13.2	1.4	18	1	BD085546	ACCESSION:BD085546	c 367	12.8	1.3	17	1	AX578685	ACCESSION:AX578685
295	13.2	1.4	18	1	BD103977	ACCESSION:BD103977	c 368	12.8	1.3	17	1	AX578913	ACCESSION:AX578913
296	13.2	1.4	18	1	HSY13354	ACCESSION:HSY13354	369	12.8	1.3	17	1	AX648381	ACCESSION:AX648381
c 297	13	1.3	13	1	E32325	ACCESSION:E32325	c 370	12.8	1.3	17	1	AX672679	ACCESSION:AX672679
c 298	13	1.3	16	1	CQ808624	ACCESSION:CQ808624	c 371	12.8	1.3	17	1	AX672919	ACCESSION:AX672919
c 299	13	1.3	16	1	AR305474	ACCESSION:AR305474	372	12.8	1.3	17	1	AX673352	ACCESSION:AX673352
c 300	13	1.3	16	1	AR309578	ACCESSION:AR309578	373	12.8	1.3	17	1	AX688305	ACCESSION:AX688305
c 301	13	1.3	16	1	BD106385	ACCESSION:BD106385	374	12.8	1.3	17	1	AX688309	ACCESSION:AX688309
c 302	13	1.3	17	1	AR045663	ACCESSION:AR045663	375	12.8	1.3	17	1	AX690769	ACCESSION:AX690769
c 303	13	1.3	17	1	AR046710	ACCESSION:AR046710	376	12.8	1.3	17	1	AX690770	ACCESSION:AX690770
c 304	13	1.3	17	1	AR046712	ACCESSION:AR046712	377	12.8	1.3	17	1	AX693583	ACCESSION:AX693583
c 305	13	1.3	17	1	BD241434	ACCESSION:BD241434	378	12.8	1.3	17	1	AX693584	ACCESSION:AX693584
c 306	13	1.3	17	1	CQ622962	ACCESSION:CQ622962	379	12.8	1.3	17	1	AX699223	ACCESSION:AX699223
c 307	13	1.3	17	1	I52715	ACCESSION:I52715	c 380	12.8	1.3	17	1	AX722984	ACCESSION:AX722984
c 308	13	1.3	17	1	I53762	ACCESSION:I53762	381	12.8	1.3	17	1	AX722986	ACCESSION:AX722986
c 309	13	1.3	17	1	I53764	ACCESSION:I53764	c 382	12.8	1.3	17	1	AX723002	ACCESSION:AX723002
c 310	13	1.3	17	1	I57962	ACCESSION:I57962	c 383	12.8	1.3	17	1	AX723002	ACCESSION:AX723002
c 311	13	1.3	17	1	AR464025	ACCESSION:AR464025	c 384	12.8	1.3	17	1	AX723794	ACCESSION:AX723794
c 312	13	1.3	17	1	AR482935	ACCESSION:AR482935	385	12.8	1.3	17	1	AX723959	ACCESSION:AX723959
c 313	13	1.3	17	1	AX226910	ACCESSION:AX226910	c 386	12.8	1.3	17	1	AX723959	ACCESSION:AX723959
c 314	13	1.3	17	1	AX226911	ACCESSION:AX226911	387	12.8	1.3	17	1	AX725865	ACCESSION:AX725865
c 315	13	1.3	17	1	AX590783	ACCESSION:AX590783	c 388	12.8	1.3	17	1	AX727279	ACCESSION:AX727279
c 316	13	1.3	17	1	AX732310	ACCESSION:AX732310	c 389	12.8	1.3	17	1	AX729573	ACCESSION:AX729573
c 317	13	1.3	17	1	AX733777	ACCESSION:AX733777	390	12.8	1.3	17	1	AX730751	ACCESSION:AX730751
c 318	13	1.3	17	1	AX735062	ACCESSION:AX735062	391	12.8	1.3	17	1	AX736827	ACCESSION:AX736827
c 319	13	1.3	17	1	AX759640	ACCESSION:AX759640	392	12.8	1.3	17	1	AX737152	ACCESSION:AX737152
320	13	1.3	17	1	AX762964	ACCESSION:AX762964	393	12.8	1.3	17	1	AX739018	ACCESSION:AX739018
321	13	1.3	18	1	AX777824	ACCESSION:AX777824	c 394	12.8	1.3	17	1	AX758417	ACCESSION:AX758417
322	13	1.3	18	1	BD104973	ACCESSION:BD104973	395	12.8	1.3	17	1	AX759195	ACCESSION:AX759195
323	12.8	1.3	16	1	A21773	ACCESSION:A21773	396	12.8	1.3	17	1	AX759711	ACCESSION:AX759711
c 324	12.8	1.3	16	1	CQ857871	ACCESSION:CQ857871	397	12.8	1.3	17	1	AX761423	ACCESSION:AX761423
325	12.8	1.3	16	1	CQ858610	ACCESSION:CQ858610	c 398	12.8	1.3	17	1	AX761783	ACCESSION:AX761783

C 399	12.8	1.3	17	1	AX762542	ACCESSION:AX762542	472	12.4	1.3	17	1	AR186361	ACCESSION:AR186361
C 400	12.8	1.3	17	1	AX783962	ACCESSION:AX783962	C 473	12.4	1.3	17	1	AR190365	ACCESSION:AR190365
C 401	12.8	1.3	17	1	AX783963	ACCESSION:AX783963	C 474	12.4	1.3	17	1	AR190366	ACCESSION:AR190366
C 402	12.8	1.3	17	1	BD105092	ACCESSION:BD105092	475	12.4	1.3	17	1	AR286006	ACCESSION:AR286006
C 403	12.8	1.3	18	1	AR054591	ACCESSION:AR054591	476	12.4	1.3	17	1	AR302289	ACCESSION:AR302289
C 404	12.8	1.3	18	1	AR066819	ACCESSION:AR066819	477	12.4	1.3	17	1	AR322992	ACCESSION:AR322992
C 405	12.8	1.3	18	1	AR098792	ACCESSION:AR098792	C 478	12.4	1.3	17	1	AR325310	ACCESSION:AR325310
C 406	12.8	1.3	18	1	BD235033	ACCESSION:BD235033	C 479	12.4	1.3	17	1	AR325311	ACCESSION:AR325311
C 407	12.8	1.3	18	1	AR292331	ACCESSION:AR292331	C 480	12.4	1.3	17	1	AR397996	ACCESSION:AR397996
C 408	12.8	1.3	18	1	AR351484	ACCESSION:AR351484	C 481	12.4	1.3	17	1	AR402479	ACCESSION:AR402479
C 409	12.8	1.3	18	1	AR353630	ACCESSION:AR353630	C 482	12.4	1.3	17	1	AR434349	ACCESSION:AR434349
C 410	12.8	1.3	18	1	AR481871	ACCESSION:AR481871	C 483	12.4	1.3	17	1	AR434350	ACCESSION:AR434350
C 411	12.8	1.3	18	1	AX009104	ACCESSION:AX009104	C 484	12.4	1.3	17	1	AR434351	ACCESSION:AR434351
C 412	12.8	1.3	18	1	AX104436	ACCESSION:AX104436	C 485	12.4	1.3	17	1	AR434352	ACCESSION:AR434352
C 413	12.8	1.3	18	1	AX104470	ACCESSION:AX104470	C 486	12.4	1.3	17	1	AR434440	ACCESSION:AR434440
C 414	12.8	1.3	18	1	AX355440	ACCESSION:AX355440	C 487	12.4	1.3	17	1	AR434441	ACCESSION:AR434441
C 415	12.8	1.3	18	1	AX355441	ACCESSION:AX355441	C 488	12.4	1.3	17	1	AR434442	ACCESSION:AR434442
C 416	12.8	1.3	18	1	AX412171	ACCESSION:AX412171	C 489	12.4	1.3	17	1	AR434443	ACCESSION:AR434443
C 417	12.8	1.3	18	1	AX547489	ACCESSION:AX547489	C 490	12.4	1.3	17	1	AR456807	ACCESSION:AR456807
C 418	12.8	1.3	18	1	AX547523	ACCESSION:AX547523	491	12.4	1.3	17	1	AR463919	ACCESSION:AR463919
C 419	12.8	1.3	18	1	AX599327	ACCESSION:AX599327	C 492	12.4	1.3	17	1	AR464636	ACCESSION:AR464636
C 420	12.8	1.3	18	1	AX661825	ACCESSION:AX661825	C 493	12.4	1.3	17	1	AR464637	ACCESSION:AR464637
C 421	12.8	1.3	18	1	AX708197	ACCESSION:AX708197	C 494	12.4	1.3	17	1	AR464638	ACCESSION:AR464638
C 422	12.8	1.3	18	1	AX822219	ACCESSION:AX822219	C 495	12.4	1.3	17	1	AR464639	ACCESSION:AR464639
C 423	12.8	1.3	18	1	AX825859	ACCESSION:AX825859	496	12.4	1.3	17	1	AR482825	ACCESSION:AR482825
C 424	12.6	1.3	17	1	BD186577	ACCESSION:BD186577	C 497	12.4	1.3	17	1	AX139251	ACCESSION:AX139251
C 425	12.6	1.3	19	1	AX710207	ACCESSION:AX710207	498	12.4	1.3	17	1	AX217682	ACCESSION:AX217682
C 426	12.4	1.3	14	1	AR067994	ACCESSION:AR067994	499	12.4	1.3	17	1	AX218125	ACCESSION:AX218125
C 427	12.4	1.3	14	1	BD233321	ACCESSION:BD233321	C 500	12.4	1.3	17	1	AX226816	ACCESSION:AX226816
C 428	12.4	1.3	14	1	AR300207	ACCESSION:AR300207	C 501	12.4	1.3	17	1	AX227181	ACCESSION:AX227181
C 429	12.4	1.3	14	1	AX07917	ACCESSION:AX07917	C 502	12.4	1.3	17	1	AX227182	ACCESSION:AX227182
C 430	12.4	1.3	14	1	AX007875	ACCESSION:AX007875	C 503	12.4	1.3	17	1	AX227183	ACCESSION:AX227183
C 431	12.4	1.3	15	1	A35569	ACCESSION:A35569	C 504	12.4	1.3	17	1	AX263072	ACCESSION:AX263072
C 432	12.4	1.3	15	1	AR056415	ACCESSION:AR056415	505	12.4	1.3	17	1	AX263073	ACCESSION:AX263073
C 433	12.4	1.3	15	1	AR114173	ACCESSION:AR114173	506	12.4	1.3	17	1	AX475297	ACCESSION:AX475297
C 434	12.4	1.3	15	1	BD233337	ACCESSION:BD233337	C 507	12.4	1.3	17	1	AX527151	ACCESSION:AX527151
C 435	12.4	1.3	15	1	BD251057	ACCESSION:BD251057	C 508	12.4	1.3	17	1	AX527152	ACCESSION:AX527152
C 436	12.4	1.3	15	1	AR409497	ACCESSION:AR409497	C 509	12.4	1.3	17	1	AX527153	ACCESSION:AX527153
C 437	12.4	1.3	15	1	AX007891	ACCESSION:AX007891	C 510	12.4	1.3	17	1	AX527154	ACCESSION:AX527154
C 438	12.4	1.3	15	1	AX633321	ACCESSION:AX633321	C 511	12.4	1.3	17	1	AX532302	ACCESSION:AX532302
C 439	12.4	1.3	16	1	AR211597	ACCESSION:AR211597	C 512	12.4	1.3	17	1	AX532310	ACCESSION:AX532310
C 440	12.4	1.3	16	1	AR328443	ACCESSION:AR328443	513	12.4	1.3	17	1	AX578912	ACCESSION:AX578912
C 441	12.4	1.3	16	1	AR436192	ACCESSION:AR436192	514	12.4	1.3	17	1	AX579853	ACCESSION:AX579853
C 442	12.4	1.3	16	1	AX419963	ACCESSION:AX419963	515	12.4	1.3	17	1	AX634562	ACCESSION:AX634562
C 443	12.4	1.3	17	1	A58019	ACCESSION:A58019	C 516	12.4	1.3	17	1	AX634572	ACCESSION:AX634572
C 444	12.4	1.3	17	1	AR014263	ACCESSION:AR014263	C 517	12.4	1.3	17	1	AX634795	ACCESSION:AX634795
C 445	12.4	1.3	17	1	AR040297	ACCESSION:AR040297	C 518	12.4	1.3	17	1	AX634808	ACCESSION:AX634808
C 446	12.4	1.3	17	1	AR046854	ACCESSION:AR046854	C 519	12.4	1.3	17	1	AX634833	ACCESSION:AX634833
C 447	12.4	1.3	17	1	AR057466	ACCESSION:AR057466	C 520	12.4	1.3	17	1	AX634835	ACCESSION:AX634835
C 448	12.4	1.3	17	1	AR057512	ACCESSION:AR057512	C 521	12.4	1.3	17	1	AX648382	ACCESSION:AX648382
C 449	12.4	1.3	17	1	AR057728	ACCESSION:AR057728	C 522	12.4	1.3	17	1	AX648383	ACCESSION:AX648383
C 450	12.4	1.3	17	1	AR057770	ACCESSION:AR057770	C 523	12.4	1.3	17	1	AX671885	ACCESSION:AX671885
C 451	12.4	1.3	17	1	AR057789	ACCESSION:AR057789	C 524	12.4	1.3	17	1	AX673535	ACCESSION:AX673535
C 452	12.4	1.3	17	1	AR057790	ACCESSION:AR057790	525	12.4	1.3	17	1	AX673690	ACCESSION:AX673690
C 453	12.4	1.3	17	1	AR065790	ACCESSION:AR065790	526	12.4	1.3	17	1	AX688303	ACCESSION:AX688303
C 454	12.4	1.3	17	1	AR115224	ACCESSION:AR115224	527	12.4	1.3	17	1	AX688304	ACCESSION:AX688304
C 455	12.4	1.3	17	1	AR115270	ACCESSION:AR115270	C 528	12.4	1.3	17	1	AX688466	ACCESSION:AX688466
C 456	12.4	1.3	17	1	AR115486	ACCESSION:AR115486	C 529	12.4	1.3	17	1	AX688467	ACCESSION:AX688467
C 457	12.4	1.3	17	1	AR115528	ACCESSION:AR115528	C 530	12.4	1.3	17	1	AX688468	ACCESSION:AX688468
C 458	12.4	1.3	17	1	AR115547	ACCESSION:AR115547	C 531	12.4	1.3	17	1	AX688469	ACCESSION:AX688469
C 459	12.4	1.3	17	1	AR115548	ACCESSION:AR115548	532	12.4	1.3	17	1	AX723094	ACCESSION:AX723094
C 460	12.4	1.3	17	1	BD139921	ACCESSION:BD139921	533	12.4	1.3	17	1	AX724140	ACCESSION:AX724140
C 461	12.4	1.3	17	1	BD203414	ACCESSION:BD203414	534	12.4	1.3	17	1	AX724916	ACCESSION:AX724916
C 462	12.4	1.3	17	1	BD241324	ACCESSION:BD241324	C 535	12.4	1.3	17	1	AX725258	ACCESSION:AX725258
C 463	12.4	1.3	17	1	BD259173	ACCESSION:BD259173	536	12.4	1.3	17	1	AX725790	ACCESSION:AX725790
C 464	12.4	1.3	17	1	CO615744	ACCESSION:CO615744	C 537	12.4	1.3	17	1	AX726362	ACCESSION:AX726362
C 465	12.4	1.3	17	1	CO622856	ACCESSION:CO622856	C 538	12.4	1.3	17	1	AX727345	ACCESSION:AX727345
C 466	12.4	1.3	17	1	CO623573	ACCESSION:CO623573	C 539	12.4	1.3	17	1	AX728438	ACCESSION:AX728438
C 467	12.4	1.3	17	1	CO623574	ACCESSION:CO623574	540	12.4	1.3	17	1	AX729385	ACCESSION:AX729385
C 468	12.4	1.3	17	1	CO623575	ACCESSION:CO623575	C 541	12.4	1.3	17	1	AX729677	ACCESSION:AX729677
C 469	12.4	1.3	17	1	CO623576	ACCESSION:CO623576	542	12.4	1.3	17	1	AX729729	ACCESSION:AX729729
C 470	12.4	1.3	17	1	153906	ACCESSION:153906	C 543	12.4	1.3	17	1	AX730652	ACCESSION:AX730652
C 471	12.4	1.3	17	1	173170	ACCESSION:173170	544	12.4	1.3	17	1	AX731932	ACCESSION:AX731932

545	12.4	1.3	17	1	AX732254	ACCESSION: AX732254	618	12.2	1.3	17	1	CQ623925
546	12.4	1.3	17	1	AX733857	ACCESSION: AX733857	619	12.2	1.3	17	1	CQ774981
c 547	12.4	1.3	17	1	AX735317	ACCESSION: AX735317	620	12.2	1.3	17	1	CQ779653
548	12.4	1.3	17	1	AX735539	ACCESSION: AX735539	621	12.2	1.3	17	1	127377
549	12.4	1.3	17	1	AX736300	ACCESSION: AX736300	622	12.2	1.3	17	1	134602
550	12.4	1.3	17	1	AX736313	ACCESSION: AX736313	623	12.2	1.3	17	1	137605
551	12.4	1.3	17	1	AX738273	ACCESSION: AX738273	c 624	12.2	1.3	17	1	137605
552	12.4	1.3	17	1	AX739003	ACCESSION: AX739003	c 625	12.2	1.3	17	1	152989
553	12.4	1.3	17	1	AX739342	ACCESSION: AX739342	626	12.2	1.3	17	1	153624
554	12.4	1.3	17	1	AX739832	ACCESSION: AX739832	c 627	12.2	1.3	17	1	194455
555	12.4	1.3	17	1	AX756942	ACCESSION: AX756942	628	12.2	1.3	17	1	AR186381
c 556	12.4	1.3	17	1	AX758728	ACCESSION: AX758728	c 629	12.2	1.3	17	1	AR189898
557	12.4	1.3	17	1	AX759153	ACCESSION: AX759153	c 630	12.2	1.3	17	1	AR190517
558	12.4	1.3	17	1	AX759540	ACCESSION: AX759540	c 631	12.2	1.3	17	1	AR192027
c 559	12.4	1.3	17	1	AX760640	ACCESSION: AX760640	632	12.2	1.3	17	1	AR192066
560	12.4	1.3	17	1	AX762440	ACCESSION: AX762440	633	12.2	1.3	17	1	AR192624
c 561	12.4	1.3	17	1	BD013535	ACCESSION: BD013535	634	12.2	1.3	17	1	AR196363
c 562	12.4	1.3	17	1	BD067979	ACCESSION: BD067979	635	12.2	1.3	17	1	AR210111
563	12.2	1.3	17	1	AX726362	ACCESSION: AX726362	c 636	12.2	1.3	17	1	AR286098
c 564	12.2	1.3	17	1	A04032	ACCESSION: A04032	637	12.2	1.3	17	1	AR286229
c 565	12.2	1.3	17	1	A07276	ACCESSION: A07276	638	12.2	1.3	17	1	AR286429
c 566	12.2	1.3	17	1	AL14911	ACCESSION: AL14911	c 639	12.2	1.3	17	1	AR286516
c 567	12.2	1.3	17	1	A30566	ACCESSION: A30566	640	12.2	1.3	17	1	AR323012
c 568	12.2	1.3	17	1	A34171	ACCESSION: A34171	c 641	12.2	1.3	17	1	AR324884
c 569	12.2	1.3	17	1	A34558	ACCESSION: A34558	642	12.2	1.3	17	1	AR325440
c 570	12.2	1.3	17	1	A66925	ACCESSION: A66925	c 643	12.2	1.3	17	1	AR325919
c 571	12.2	1.3	17	1	A75920	ACCESSION: A75920	644	12.2	1.3	17	1	AR326493
572	12.2	1.3	17	1	AR029643	ACCESSION: AR029643	645	12.2	1.3	17	1	AR328006
573	12.2	1.3	17	1	AR040155	ACCESSION: AR040155	c 646	12.2	1.3	17	1	AR328214
c 574	12.2	1.3	17	1	AR045937	ACCESSION: AR045937	c 647	12.2	1.3	17	1	AR328215
c 575	12.2	1.3	17	1	AR046572	ACCESSION: AR046572	c 648	12.2	1.3	17	1	AR328217
c 576	12.2	1.3	17	1	AR048978	ACCESSION: AR048978	649	12.2	1.3	17	1	AR328217
c 577	12.2	1.3	17	1	AR064279	ACCESSION: AR064279	c 650	12.2	1.3	17	1	AR328219
578	12.2	1.3	17	1	AR124366	ACCESSION: AR124366	651	12.2	1.3	17	1	AR328419
c 579	12.2	1.3	17	1	AR157378	ACCESSION: AR157378	652	12.2	1.3	17	1	AR398506
c 580	12.2	1.3	17	1	AR164672	ACCESSION: AR164672	653	12.2	1.3	17	1	AR398506
c 581	12.2	1.3	17	1	BD187272	ACCESSION: BD187272	c 654	12.2	1.3	17	1	AR401689
c 582	12.2	1.3	17	1	BD200793	ACCESSION: BD200793	c 655	12.2	1.3	17	1	AR401839
c 583	12.2	1.3	17	1	BD200794	ACCESSION: BD200794	c 656	12.2	1.3	17	1	AR401879
c 584	12.2	1.3	17	1	BD203227	ACCESSION: BD203227	657	12.2	1.3	17	1	AR402466
c 585	12.2	1.3	17	1	BD203339	ACCESSION: BD203339	658	12.2	1.3	17	1	AR434228
c 586	12.2	1.3	17	1	BD241216	ACCESSION: BD241216	659	12.2	1.3	17	1	AR434228
587	12.2	1.3	17	1	BD241216	ACCESSION: BD241216	660	12.2	1.3	17	1	AR456447
c 588	12.2	1.3	17	1	BD241279	ACCESSION: BD241279	661	12.2	1.3	17	1	AR456447
c 589	12.2	1.3	17	1	BD241679	ACCESSION: BD241679	662	12.2	1.3	17	1	AR456718
c 590	12.2	1.3	17	1	BD253930	ACCESSION: BD253930	663	12.2	1.3	17	1	AR456772
c 591	12.2	1.3	17	1	BD253981	ACCESSION: BD253981	c 664	12.2	1.3	17	1	AR456772
c 592	12.2	1.3	17	1	BD254446	ACCESSION: BD254446	c 665	12.2	1.3	17	1	AR457388
c 593	12.2	1.3	17	1	BD254701	ACCESSION: BD254701	c 666	12.2	1.3	17	1	AR457651
594	12.2	1.3	17	1	BD255102	ACCESSION: BD255102	c 667	12.2	1.3	17	1	AR457893
c 595	12.2	1.3	17	1	BD255280	ACCESSION: BD255280	c 668	12.2	1.3	17	1	AR458222
c 596	12.2	1.3	17	1	BD255281	ACCESSION: BD255281	c 669	12.2	1.3	17	1	AR458222
c 597	12.2	1.3	17	1	BD255834	ACCESSION: BD255834	c 670	12.2	1.3	17	1	AR458340
c 598	12.2	1.3	17	1	BD259500	ACCESSION: BD259500	c 671	12.2	1.3	17	1	AR458341
599	12.2	1.3	17	1	BD259634	ACCESSION: BD259634	c 672	12.2	1.3	17	1	AR458342
600	12.2	1.3	17	1	C0615384	ACCESSION: C0615384	c 673	12.2	1.3	17	1	AR462896
601	12.2	1.3	17	1	C0615505	ACCESSION: C0615505	674	12.2	1.3	17	1	AR464033
602	12.2	1.3	17	1	C0615655	ACCESSION: C0615655	675	12.2	1.3	17	1	AR464820
603	12.2	1.3	17	1	C0615709	ACCESSION: C0615709	c 676	12.2	1.3	17	1	AR464985
604	12.2	1.3	17	1	C0615710	ACCESSION: C0615710	c 677	12.2	1.3	17	1	AR464988
605	12.2	1.3	17	1	C0615969	ACCESSION: C0615969	c 678	12.2	1.3	17	1	AR464988
c 606	12.2	1.3	17	1	C0616325	ACCESSION: C0616325	c 679	12.2	1.3	17	1	AR482717
c 607	12.2	1.3	17	1	C0616588	ACCESSION: C0616588	c 680	12.2	1.3	17	1	AR482717
c 608	12.2	1.3	17	1	C0616830	ACCESSION: C0616830	c 681	12.2	1.3	17	1	AR483180
c 609	12.2	1.3	17	1	C0617159	ACCESSION: C0617159	c 682	12.2	1.3	17	1	AR483217
c 610	12.2	1.3	17	1	C0617277	ACCESSION: C0617277	683	12.2	1.3	17	1	AR488427
c 611	12.2	1.3	17	1	C0617278	ACCESSION: C0617278	c 684	12.2	1.3	17	1	AR488427
c 612	12.2	1.3	17	1	C0617279	ACCESSION: C0617279	685	12.2	1.3	17	1	AR488427
c 613	12.2	1.3	17	1	C0621833	ACCESSION: C0621833	686	12.2	1.3	17	1	AR488427
c 614	12.2	1.3	17	1	C0622970	ACCESSION: C0622970	c 687	12.2	1.3	17	1	AR488427
c 615	12.2	1.3	17	1	C0623757	ACCESSION: C0623757	c 688	12.2	1.3	17	1	AR488427
616	12.2	1.3	17	1	C0623922	ACCESSION: C0623922	c 689	12.2	1.3	17	1	AR488427
617	12.2	1.3	17	1	C0623923	ACCESSION: C0623923	c 690	12.2	1.3	17	1	AR488427

c 691	12.2	1.3	17	1	AX227238	ACCESSION:AX227238	c 764	12.2	1.3	17	1	AX733855	ACCESSION:AX733855
c 692	12.2	1.3	17	1	AX227752	ACCESSION:AX227752	765	12.2	1.3	17	1	AX736358	ACCESSION:AX736358
c 693	12.2	1.3	17	1	AX266563	ACCESSION:AX266563	766	12.2	1.3	17	1	AX736401	ACCESSION:AX736401
c 694	12.2	1.3	17	1	AX266564	ACCESSION:AX266564	c 767	12.2	1.3	17	1	AX736818	ACCESSION:AX736818
c 695	12.2	1.3	17	1	AX272918	ACCESSION:AX272918	768	12.2	1.3	17	1	AX737012	ACCESSION:AX737012
c 696	12.2	1.3	17	1	AX273052	ACCESSION:AX273052	769	12.2	1.3	17	1	AX737042	ACCESSION:AX737042
c 697	12.2	1.3	17	1	AX325601	ACCESSION:AX325601	c 770	12.2	1.3	17	1	AX737252	ACCESSION:AX737252
c 698	12.2	1.3	17	1	AX325602	ACCESSION:AX325602	c 771	12.2	1.3	17	1	AX737425	ACCESSION:AX737425
c 699	12.2	1.3	17	1	AX325649	ACCESSION:AX325649	772	12.2	1.3	17	1	AX738037	ACCESSION:AX738037
700	12.2	1.3	17	1	AX325650	ACCESSION:AX325650	773	12.2	1.3	17	1	AX738193	ACCESSION:AX738193
701	12.2	1.3	17	1	AX402539	ACCESSION:AX402539	774	12.2	1.3	17	1	AX738303	ACCESSION:AX738303
c 702	12.2	1.3	17	1	AX422574	ACCESSION:AX422574	775	12.2	1.3	17	1	AX738969	ACCESSION:AX738969
c 703	12.2	1.3	17	1	AX422575	ACCESSION:AX422575	776	12.2	1.3	17	1	AX751099	ACCESSION:AX751099
c 704	12.2	1.3	17	1	AX423577	ACCESSION:AX423577	c 777	12.2	1.3	17	1	AX756922	ACCESSION:AX756922
705	12.2	1.3	17	1	AX423445	ACCESSION:AX423445	c 778	12.2	1.3	17	1	AX756929	ACCESSION:AX756929
c 706	12.2	1.3	17	1	AX475772	ACCESSION:AX475772	c 779	12.2	1.3	17	1	AX757361	ACCESSION:AX757361
c 707	12.2	1.3	17	1	AX498808	ACCESSION:AX498808	c 780	12.2	1.3	17	1	AX757657	ACCESSION:AX757657
c 708	12.2	1.3	17	1	AX498809	ACCESSION:AX498809	c 781	12.2	1.3	17	1	AX757671	ACCESSION:AX757671
c 709	12.2	1.3	17	1	AX498814	ACCESSION:AX498814	c 782	12.2	1.3	17	1	AX758399	ACCESSION:AX758399
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711	12.2	1.3	17	1	AX572014	ACCESSION:AX572014	c 784	12.2	1.3	17	1	AX758647	ACCESSION:AX758647
c 712	12.2	1.3	17	1	AX578686	ACCESSION:AX578686	785	12.2	1.3	17	1	AX759512	ACCESSION:AX759512
713	12.2	1.3	17	1	AX578779	ACCESSION:AX578779	786	12.2	1.3	17	1	AX759565	ACCESSION:AX759565
714	12.2	1.3	17	1	AX578839	ACCESSION:AX578839	c 787	12.2	1.3	17	1	AX759651	ACCESSION:AX759651
715	12.2	1.3	17	1	AX578840	ACCESSION:AX578840	c 788	12.2	1.3	17	1	AX759685	ACCESSION:AX759685
716	12.2	1.3	17	1	AX579883	ACCESSION:AX579883	c 789	12.2	1.3	17	1	AX760186	ACCESSION:AX760186
717	12.2	1.3	17	1	AX648400	ACCESSION:AX648400	c 790	12.2	1.3	17	1	AX761006	ACCESSION:AX761006
718	12.2	1.3	17	1	AX671775	ACCESSION:AX671775	791	12.2	1.3	17	1	AX761603	ACCESSION:AX761603
c 719	12.2	1.3	17	1	AX671928	ACCESSION:AX671928	792	12.2	1.3	17	1	AX762166	ACCESSION:AX762166
720	12.2	1.3	17	1	AX672019	ACCESSION:AX672019	c 793	12.2	1.3	17	1	AX762254	ACCESSION:AX762254
721	12.2	1.3	17	1	AX672079	ACCESSION:AX672079	c 794	12.2	1.3	17	1	AX762283	ACCESSION:AX762283
722	12.2	1.3	17	1	AX672509	ACCESSION:AX672509	795	12.2	1.3	17	1	AX762626	ACCESSION:AX762626
c 723	12.2	1.3	17	1	AX672617	ACCESSION:AX672617	796	12.2	1.3	17	1	AX762743	ACCESSION:AX762743
724	12.2	1.3	17	1	AX672769	ACCESSION:AX672769	797	12.2	1.3	17	1	AX762880	ACCESSION:AX762880
c 725	12.2	1.3	17	1	AX672808	ACCESSION:AX672808	798	12.2	1.3	17	1	AX781733	ACCESSION:AX781733
726	12.2	1.3	17	1	AX672918	ACCESSION:AX672918	c 799	12.2	1.3	17	1	AX782314	ACCESSION:AX782314
c 727	12.2	1.3	17	1	AX673068	ACCESSION:AX673068	800	12.2	1.3	17	1	AX782391	ACCESSION:AX782391
728	12.2	1.3	17	1	AX673462	ACCESSION:AX673462	801	12.2	1.3	17	1	AX782446	ACCESSION:AX782446
729	12.2	1.3	17	1	AX673710	ACCESSION:AX673710	c 802	12.2	1.3	17	1	AX783423	ACCESSION:AX783423
c 730	12.2	1.3	17	1	AX674696	ACCESSION:AX674696	c 803	12.2	1.3	17	1	BD067189	ACCESSION:BD067189
c 731	12.2	1.3	17	1	AX674699	ACCESSION:AX674699	c 804	12.2	1.3	17	1	BD067339	ACCESSION:BD067339
c 732	12.2	1.3	17	1	AX674776	ACCESSION:AX674776	c 805	12.2	1.3	17	1	BD067379	ACCESSION:BD067379
c 733	12.2	1.3	17	1	AX687560	ACCESSION:AX687560	c 806	12.2	1.3	17	1	BD067966	ACCESSION:BD067966
c 734	12.2	1.3	17	1	AX687561	ACCESSION:AX687561	807	12.2	1.3	17	1	MUSIGDJAK	ACCESSION:L36733
c 735	12.2	1.3	17	1	AX688073	ACCESSION:AX688073	ALIGNMENTS						
736	12.2	1.3	17	1	AX688589	ACCESSION:AX688589	RESULT 1	EL3893	24 bp	DNA	linear	PAT 27-APR-1998	
737	12.2	1.3	17	1	AX688590	ACCESSION:AX688590	LOCUS	PCR primer for gaining human G protein-coupling receptor gene.					
c 738	12.2	1.3	17	1	AX690556	ACCESSION:AX690556	DEFINITION	EL3893					
c 739	12.2	1.3	17	1	AX691387	ACCESSION:AX691387	ACCESSION	EL3893					
740	12.2	1.3	17	1	AX692484	ACCESSION:AX692484	VERSION	EL3893.1					
741	12.2	1.3	17	1	AX692485	ACCESSION:AX692485	KEYWORDS	JP 1997238686-A/2.					
c 742	12.2	1.3	17	1	AX692611	ACCESSION:AX692611	SOURCE	unidentified					
c 743	12.2	1.3	17	1	AX724221	ACCESSION:AX724221	ORGANISM	unclassified					
c 744	12.2	1.3	17	1	AX724254	ACCESSION:AX724254	REFERENCE	1 (bases 1 to 24)					
c 745	12.2	1.3	17	1	AX724464	ACCESSION:AX724464	AUTHORS	Hinuma,K. and Fujii,A.					
c 746	12.2	1.3	17	1	AX724839	ACCESSION:AX724839	TITLE	NEW G-PROTEIN CONJUGATED TYPE RECEPTOR PROTEIN, ITS PRODUCTION AND					
747	12.2	1.3	17	1	AX725332	ACCESSION:AX725332	JOURNAL	Patent: JP 1997238686-A 2 16-SEP-1997;					
748	12.2	1.3	17	1	AX725484	ACCESSION:AX725484	COMMENT	OS None					
749	12.2	1.3	17	1	AX725808	ACCESSION:AX725808		OC Artificial sequences.					
750	12.2	1.3	17	1	AX726190	ACCESSION:AX726190		PN JP 1997238686-A/2					
751	12.2	1.3	17	1	AX726452	ACCESSION:AX726452		PD 16-SEP-1997					
c 752	12.2	1.3	17	1	AX726551	ACCESSION:AX726551		PF 07-NAR-1996 JP 1996050678					
c 753	12.2	1.3	17	1	AX726986	ACCESSION:AX726986		PI HINUMA KUNIJU, FUJII AKIRA					
c 754	12.2	1.3	17	1	AX727191	ACCESSION:AX727191		PC C12N15/09,A61K48/00,C07H21/04,C12N1/21,C12P21/02,C12P21/08, PC					
c 755	12.2	1.3	17	1	AX727232	ACCESSION:AX727232		C12Q1/02,					
c 756	12.2	1.3	17	1	AX727395	ACCESSION:AX727395		PC G01N33/566//A61K39/395, (C12N1/21,C12R1:19) , (C12P21/02, PC					
c 757	12.2	1.3	17	1	AX727987	ACCESSION:AX727987							
c 758	12.2	1.3	17	1	AX728069	ACCESSION:AX728069							
c 759	12.2	1.3	17	1	AX729086	ACCESSION:AX729086							
c 760	12.2	1.3	17	1	AX729673	ACCESSION:AX729673							
c 761	12.2	1.3	17	1	AX731346	ACCESSION:AX731346							
c 762	12.2	1.3	17	1	AX733268	ACCESSION:AX733268							
c 763	12.2	1.3	17	1	AX733353	ACCESSION:AX733353							

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 1369

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-1369

Query Match 1.4%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 436 AAACCAAGACCCC 449

DB 18 AAACCAAGACCCC 5

RESULT 99

US-08-679-645-728/C

Sequence 728, Application US/08679645

Patent No. 6350934

GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.

APPLICANT: Edington, Brent E.

APPLICANT: McSwiggen, James A.

APPLICANT: Merlo, Patricia Ann Owens

APPLICANT: Guo, Lining

APPLICANT: Skokut, Thomas A.

APPLICANT: Young, Scott A.

APPLICANT: Folkerts, Otto

APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR

TITLE OF INVENTION: MODULATION OF GENE EXPRESSION

TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645

FILING DATE: July 12, 1996

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 728:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-679-645-728

Query Match 1.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 1.1e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 CTCGCCACCAAGAAAGA 65

DB 17 CTCGCCACCAAGAAACA 1

RESULT 100

US-09-371-772B-6172

Sequence 6172, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: Patentin version 3.0

SEQ ID NO 6172

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-6172

Query Match 1.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 76.5%; Pred. No. 1.1e+02;

Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 269 GAAATAACAAATCGAGCC 285

DB 1 GAAUGACACUGGAGCC 17

RESULT 101

US-09-866-108A-487

Sequence 487, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AECMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application Number removed
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecolica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 487
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-8666-108A-487

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Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 699 CTGGGCCAGGAGGCCA 715
Db 1 CTGGGCCAGGAGGCCA 17

RESULT 102

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US-09-866-108A-7587
; Sequence 7587, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRES
; FILE REFERENCE: AEOICA-7

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; PRIOR FILING DATE: 2001-01-30
: Remaining Prior Application data removed - See File Wrapper or PALM.

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; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent NO. 6686188
; SEQ ID NO 7587
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7587

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Query Match      1.4%;      Score 13.8; DB 1;      Length 17;
Best Local Similarity 88.2%;      Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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QY 159 AACCCAAGAGGAAGTGC 175
||| |||||
Db 1 AACTGAAGAGGAAGTGC 17

RESULT 103

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US-09-866-108A-7588
; Sequence 7588, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

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Query Match	1.4%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	88.2%;	Pred. No. 1.1e+02;		
Matches 15: Conservative	0;	Mismatches 2;	Indels 0;	Caps 0;

Qy 160 ACCCAAGAGGAAGTGCC 176
db 1 ACTGAAGAGGAAGTGCC 17

RESULT 104

US-09-866-108A-7707/c
; Sequence 7707, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 27, 2005, 17:01:05 ; Search time 6 Seconds
(without alignments)
4.283 Million cell updates/sec

Title: us-09-915-814-3

Perfect score: 970

Sequence: 1 cttctgttaagagtgcta.....tttctgagtggtgcagat 970

Scoring table: IDENTITY NUC

Gapop 10_0 , Gapext 0.5

Searched: 694 segs, 13245 residues

Total number of hits satisfying chosen parameters: 1388

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 694 summaries

Database : rnpbdb.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	21.6	2.2	29	1	US-10-336-638-256
3	20.2	2.1	25	1	US-10-719-900-478979
4	20	2.1	20	1	US-09-915-814-19
5	20	2.1	20	1	US-09-915-814-20
6	20	2.1	20	1	US-09-915-814-21
7	20	2.1	20	1	US-09-915-814-22
8	20	2.1	20	1	US-09-915-814-23
9	20	2.1	20	1	US-09-915-814-24
10	20	2.1	20	1	US-09-915-814-25
11	20	2.1	20	1	US-09-915-814-26
12	20	2.1	20	1	US-09-915-814-27
13	20	2.1	20	1	US-09-915-814-28
14	20	2.1	20	1	US-09-915-814-29
15	20	2.1	20	1	US-09-915-814-30
16	20	2.1	20	1	US-09-915-814-31
17	20	2.1	20	1	US-09-915-814-32
18	19.2	2.0	25	1	US-10-719-900-798099
19	18.8	1.9	26	1	US-10-499-731-3
20	18.6	1.9	25	1	US-10-098-2638-119819
21	18.6	1.9	25	1	US-10-719-900-798028
22	18.6	1.9	25	1	US-10-719-900-901836
23	18.4	1.9	21	1	US-10-786-720-8187
24	18.4	1.9	21	1	US-10-786-720-10419
25	18.4	1.9	24	1	US-10-357-043-22
26	18.4	1.9	25	1	US-10-719-900-196702
27	18.4	1.9	25	1	US-10-809-189-81464
28	18.2	1.9	25	1	US-09-866-108-12485
29	18.2	1.9	25	1	US-09-866-108-12486
30	18.2	1.9	25	1	US-09-866-108-12487
31	18.2	1.9	25	1	US-10-723-361-12485
32	18.2	1.9	25	1	US-10-723-361-12486
33	18.2	1.9	25	1	US-10-723-361-12487

Sequence 155578,	25	1	US-10-719-900-155578	1.9	18.2	C 34
Sequence 378828,	25	1	US-10-719-900-378828	1.9	18.2	C 35
Sequence 552792,	25	1	US-10-719-900-552792	1.9	18.2	C 36
Sequence 700071,	25	1	US-10-719-900-700071	1.9	18.2	C 37
Sequence 866039,	25	1	US-10-719-900-866039	1.9	18.2	C 38
Sequence 112450,	25	1	US-10-809-189-112450	1.9	18.2	C 39
Sequence 156252,	25	1	US-10-956-157-156252	1.9	18.2	C 40
Sequence 275079,	25	1	US-10-956-157-275079	1.9	18.2	C 41
Sequence 119718,	25	1	US-10-098-2638-119718	1.8	17.8	C 42
Sequence 363427,	25	1	US-10-719-900-363427	1.8	17.8	C 43
Sequence 728774,	25	1	US-10-719-900-728774	1.8	17.8	C 44
Sequence 894754,	25	1	US-10-719-900-894754	1.8	17.8	C 45
Sequence 257707,	25	1	US-10-956-157-257707	1.8	17.8	C 46
Sequence 7189, Ap	25	1	US-10-215-112-7189	1.8	17.6	C 47
Sequence 3573, Ap	25	1	US-10-719-900-3573	1.8	17.6	C 48
Sequence 27357, A	25	1	US-10-719-900-27357	1.8	17.6	C 49
Sequence 137094,	25	1	US-10-719-900-137094	1.8	17.6	C 50
Sequence 201432,	25	1	US-10-719-900-201432	1.8	17.6	C 51
Sequence 305612,	25	1	US-10-719-900-305612	1.8	17.6	C 52
Sequence 424475,	25	1	US-10-719-900-424475	1.8	17.6	C 53
Sequence 562643,	25	1	US-10-719-900-562643	1.8	17.6	C 54
Sequence 597704,	25	1	US-10-719-900-597704	1.8	17.6	C 55
Sequence 795326,	25	1	US-10-719-900-795326	1.8	17.6	C 56
Sequence 798100,	25	1	US-10-719-900-798100	1.8	17.6	C 57
Sequence 834454,	25	1	US-10-719-900-834454	1.8	17.6	C 58
Sequence 63343, A	25	1	US-10-809-189-63343	1.8	17.6	C 59
Sequence 56628, A	25	1	US-10-956-157-56628	1.8	17.6	C 60
Sequence 235750,	25	1	US-10-956-157-235750	1.8	17.6	C 61
Sequence 8185, Ap	25	1	US-10-786-720-8185	1.8	17.4	C 62
Sequence 10417, A	25	1	US-10-786-720-10417	1.8	17.4	C 63
Sequence 4265, Ap	25	1	US-10-349-143-4265	1.8	17	C 64
Sequence 210, App	25	1	US-10-190-366-210	1.7	16.8	C 65
Sequence 403, App	25	1	US-10-190-366-403	1.7	16.8	C 66
Sequence 118, App	25	1	US-10-175-225-118	1.7	16.8	C 67
Sequence 11, Appl	25	1	US-10-877-012-11	1.7	16.4	C 68
Sequence 11, Appl	25	1	US-10-877-446-11	1.7	16.4	C 69
Sequence 8186, Ap	25	1	US-10-786-720-8186	1.7	16.4	C 70
Sequence 10418, A	25	1	US-10-113-824-13	1.7	16.2	C 71
Sequence 13, Appl	25	1	US-10-664-422-248	1.7	16.2	C 72
Sequence 248, App	25	1	US-10-664-423-248	1.7	16.2	C 73
Sequence 248, App	25	1	US-10-664-603-248	1.7	16.2	C 74
Sequence 76, Appl	25	1	US-10-303-635-76	1.6	15.8	C 75
Sequence 194, App	25	1	US-10-303-635-194	1.6	15.8	C 76
Sequence 8349, Ap	25	1	US-10-831-901A-8349	1.6	15.8	C 77
Sequence 8350, Ap	25	1	US-10-831-901A-8350	1.6	15.8	C 78
Sequence 11107, A	25	1	US-10-786-720-11107	1.6	15.8	C 79
Sequence 11109, A	25	1	US-10-786-720-11109	1.6	15.8	C 80
Sequence 48253, A	25	1	US-10-751-736-48253	1.6	15.8	C 81
Sequence 12, Appl	25	1	US-10-321-195-12	1.6	15.6	C 82
Sequence 7592, Ap	25	1	US-09-866-108-7592	1.6	15.4	C 83
Sequence 7593, Ap	25	1	US-09-866-108-7593	1.6	15.4	C 84
Sequence 1814, Ap	25	1	US-10-061-201-1814	1.6	15.4	C 85
Sequence 1816, Ap	25	1	US-10-061-201-1816	1.6	15.4	C 86
Sequence 7592, Ap	25	1	US-10-723-361-7592	1.6	15.4	C 87
Sequence 7593, Ap	25	1	US-10-723-361-7593	1.6	15.4	C 88
Sequence 218, App	25	1	US-10-109-349A-218	1.6	15.4	C 89
Sequence 57, Appl	25	1	US-10-167-034-57	1.6	15.4	C 90
Sequence 46, Appl	25	1	US-10-304-116-46	1.6	15.4	C 91
Sequence 34, Appl	25	1	US-10-722-357-34	1.6	15.4	C 92
Sequence 30585, A	25	1	US-10-751-736-30585	1.6	15.4	C 93
Sequence 32466, A	25	1	US-10-751-736-32466	1.6	15.4	C 94
Sequence 132, App	25	1	US-09-888-615-132	1.6	15.4	C 95
Sequence 417, Appl	25	1	US-10-114-270-417	1.6	15.4	C 96
Sequence 46, Appl	25	1	US-10-189-268-46	1.6	15.4	C 97
Sequence 114, App	25	1	US-10-189-268-114	1.6	15.2	C 98
Sequence 1014, Ap	25	1	US-10-688-706-1014	1.6	15.2	C 99
Sequence 1247, Ap	25	1	US-10-688-706-1247	1.6	15.2	C 100
Sequence 1631, Ap	25	1	US-10-688-706-1631	1.6	15.2	C 101
Sequence 77, Appl	25	1	US-10-303-635-77	1.6	15.2	C 102
Sequence 195, App	25	1	US-10-303-635-195	1.6	15.2	C 103
Sequence 9, Appl	25	1	US-10-316-745A-9	1.6	15.2	C 104
Sequence 89, Appl	25	1	US-10-317-500-89	1.6	15.2	C 105
Sequence 12487, A	25	1	US-10-723-361-12487	1.6	15.2	C 106

c 107	15.2	1.6	20	1	US-10-317-803-137	Sequence 137, Appl	c 180	14.4	1.5	17	1	US-10-723-361-7705	Sequence 7705, Ap
c 108	15.2	1.6	20	1	US-10-317-803-209	Sequence 209, Appl	c 181	14.4	1.5	17	1	US-10-723-361-7706	Sequence 7706, Ap
c 109	15.2	1.6	20	1	US-10-671-395-530	Sequence 540, Appl	c 182	14.4	1.5	18	1	US-09-969-373-2805	Sequence 2805, Ap
c 110	15.2	1.6	20	1	US-10-714-796-139	Sequence 199, Appl	c 183	14.4	1.5	18	1	US-10-606-133-215	Sequence 215, App
c 111	15.2	1.6	20	1	US-10-832-777-472	Sequence 472, Appl	c 184	14.4	1.5	20	1	US-09-976-599-3	Sequence 3, Appl
c 112	15.2	1.6	20	1	US-10-832-622B-472	Sequence 472, Appl	c 185	14.4	1.5	20	1	US-09-957-837A-12	Sequence 12, Appl
c 113	15.2	1.6	20	1	US-10-831-901A-8348	Sequence 8348, Ap	c 186	14.4	1.5	20	1	US-09-828-344-146	Sequence 146, Appl
c 114	15.2	1.6	21	1	US-10-104-755-42	Sequence 42, Appl	c 187	14.4	1.5	20	1	US-09-811-007-19	Sequence 19, Appl
c 115	15.2	1.6	21	1	US-10-479-670-215	Sequence 215, Appl	c 188	14.4	1.5	20	1	US-10-062-624-19	Sequence 19, Appl
c 116	15.2	1.6	21	1	US-10-786-720-17103	Sequence 17103, A	c 189	14.4	1.5	20	1	US-10-062-051-19	Sequence 19, Appl
c 117	15.2	1.6	21	1	US-10-786-720-18288	Sequence 18288, A	c 190	14.4	1.5	20	1	US-10-062-920-19	Sequence 19, Appl
c 118	15.2	1.6	21	1	US-10-751-736-628	Sequence 628, Appl	c 191	14.4	1.5	20	1	US-10-010-002-41	Sequence 41, Appl
c 119	15.2	1.6	21	1	US-10-751-736-29922	Sequence 29922, A	c 192	14.4	1.5	20	1	US-10-309-814-3	Sequence 3, Appl
c 120	15.2	1.6	21	1	US-10-751-736-44047	Sequence 44047, A	c 193	14.4	1.5	20	1	US-10-241-780-354	Sequence 354, Appl
c 121	15.2	1.6	21	1	US-10-751-736-44692	Sequence 44692, A	c 194	14.4	1.5	20	1	US-10-241-780-355	Sequence 355, Appl
c 122	15.2	1.6	21	1	US-10-481-191-17	Sequence 17, Appl	c 195	14.4	1.5	20	1	US-10-241-780-368	Sequence 368, Appl
c 123	15	1.5	17	1	US-10-061-201-1815	Sequence 1815, Ap	c 196	14.4	1.5	20	1	US-10-241-780-369	Sequence 369, Appl
c 124	15	1.5	18	1	US-09-143-593-25	Sequence 25, Appl	c 197	14.4	1.5	20	1	US-10-448-836-72	Sequence 72, Appl
c 125	15	1.5	18	1	US-10-263-159-25	Sequence 25, Appl	c 198	14.4	1.5	20	1	US-10-160-807-168	Sequence 168, Appl
c 126	15	1.5	18	1	US-10-191-698-25	Sequence 25, Appl	c 199	14.4	1.5	20	1	US-10-159-856-70	Sequence 70, Appl
c 127	14.8	1.5	18	1	US-10-232-923-4	Sequence 4, Appl	c 200	14.4	1.5	20	1	US-10-159-856-124	Sequence 124, Appl
c 128	14.8	1.5	18	1	US-10-232-923-6	Sequence 6, Appl	c 201	14.4	1.5	20	1	US-10-448-914A-72	Sequence 72, Appl
c 129	14.8	1.5	19	1	US-10-340-097-30	Sequence 30, Appl	c 202	14.4	1.5	20	1	US-10-185-057-15	Sequence 15, Appl
c 130	14.8	1.5	19	1	US-10-336-215-30	Sequence 30, Appl	c 203	14.4	1.5	20	1	US-10-185-057-23	Sequence 23, Appl
c 131	14.8	1.5	19	1	US-10-336-215-30	Sequence 30, Appl	c 204	14.4	1.5	20	1	US-10-188-470-21	Sequence 21, Appl
c 132	14.8	1.5	19	1	US-10-487-337-50	Sequence 50, Appl	c 205	14.4	1.5	20	1	US-10-289-762-6083	Sequence 6083, Ap
c 133	14.8	1.5	19	1	US-10-871-222-322	Sequence 322, Appl	c 206	14.4	1.5	20	1	US-10-655-847-168	Sequence 168, Appl
c 134	14.8	1.5	19	1	US-10-871-222-426	Sequence 426, Appl	c 207	14.4	1.5	20	1	US-10-304-116-47	Sequence 47, Appl
c 135	14.8	1.5	20	1	US-09-800-629A-56	Sequence 56, Appl	c 208	14.4	1.5	20	1	US-10-744-831-41	Sequence 41, Appl
c 136	14.8	1.5	20	1	US-09-863-806-12	Sequence 12, Appl	c 209	14.4	1.5	20	1	US-10-680-349-19	Sequence 19, Appl
c 137	14.8	1.5	20	1	US-09-863-806-44	Sequence 44, Appl	c 210	14.4	1.5	20	1	US-10-731-554-19	Sequence 19, Appl
c 138	14.8	1.5	20	1	US-09-948-909-12	Sequence 12, Appl	c 211	14.4	1.5	20	1	US-10-915-856-15	Sequence 15, Appl
c 139	14.8	1.5	20	1	US-09-948-909-44	Sequence 44, Appl	c 212	14.4	1.5	20	1	US-10-915-856-23	Sequence 23, Appl
c 140	14.8	1.5	20	1	US-09-888-361-71	Sequence 71, Appl	c 213	14.4	1.5	20	1	US-10-492-928A-64	Sequence 64, Appl
c 141	14.8	1.5	20	1	US-10-001-863-25	Sequence 25, Appl	c 214	14.4	1.5	20	1	US-10-954-723A-12	Sequence 12, Appl
c 142	14.8	1.5	20	1	US-10-007-010-66	Sequence 66, Appl	c 215	14.2	1.5	19	1	US-09-969-373-2496	Sequence 2496, Ap
c 143	14.8	1.5	20	1	US-10-290-473-12	Sequence 12, Appl	c 216	14.2	1.5	19	1	US-10-225-023-281	Sequence 281, App
c 144	14.8	1.5	20	1	US-10-290-473-32	Sequence 32, Appl	c 217	14.2	1.5	19	1	US-10-225-023-1019	Sequence 1019, Ap
c 145	14.8	1.5	20	1	US-10-241-780-356	Sequence 356, Appl	c 218	14.2	1.5	19	1	US-10-205-309-18	Sequence 18, Appl
c 146	14.8	1.5	20	1	US-10-298-354-41	Sequence 41, Appl	c 219	14.2	1.5	19	1	US-10-205-309-343	Sequence 343, App
c 147	14.8	1.5	20	1	US-10-298-354-75	Sequence 75, Appl	c 220	14.2	1.5	19	1	US-10-349-143-4520	Sequence 4520, Ap
c 148	14.8	1.5	20	1	US-10-316-244-84	Sequence 84, Appl	c 221	14.2	1.5	20	1	US-09-978-295A-21	Sequence 21, Appl
c 149	14.8	1.5	20	1	US-10-316-244-182	Sequence 182, Appl	c 222	14.2	1.5	20	1	US-09-978-697-21	Sequence 21, Appl
c 150	14.8	1.5	20	1	US-10-316-745A-7	Sequence 7, Appl	c 223	14.2	1.5	20	1	US-09-978-192A-21	Sequence 21, Appl
c 151	14.8	1.5	20	1	US-10-316-745A-8	Sequence 8, Appl	c 224	14.2	1.5	20	1	US-09-999-832A-21	Sequence 21, Appl
c 152	14.8	1.5	20	1	US-10-316-745A-10	Sequence 10, Appl	c 225	14.2	1.5	20	1	US-09-978-832A-21	Sequence 21, Appl
c 153	14.8	1.5	20	1	US-10-679-532-56	Sequence 56, Appl	c 226	14.2	1.5	20	1	US-09-978-189-21	Sequence 21, Appl
c 154	14.8	1.5	20	1	US-10-915-157-5	Sequence 5, Appl	c 227	14.2	1.5	20	1	US-09-978-608A-21	Sequence 21, Appl
c 155	14.8	1.5	20	1	US-10-754-478-12	Sequence 12, Appl	c 228	14.2	1.5	20	1	US-09-978-585A-21	Sequence 21, Appl
c 156	14.8	1.5	20	1	US-10-754-478-44	Sequence 44, Appl	c 229	14.2	1.5	20	1	US-09-978-191A-21	Sequence 21, Appl
c 157	14.8	1.5	20	1	US-10-917-330-12	Sequence 12, Appl	c 230	14.2	1.5	20	1	US-09-978-403A-21	Sequence 21, Appl
c 158	14.8	1.5	20	1	US-10-917-330-44	Sequence 44, Appl	c 231	14.2	1.5	20	1	US-09-978-564A-21	Sequence 21, Appl
c 159	14.8	1.5	20	1	US-10-831-901A-8346	Sequence 8346, Ap	c 232	14.2	1.5	20	1	US-09-784-674-486	Sequence 486, App
c 160	14.8	1.5	20	1	US-10-831-901A-8347	Sequence 8347, Ap	c 233	14.2	1.5	20	1	US-09-999-833A-21	Sequence 21, Appl
c 161	14.8	1.5	20	1	US-10-831-901A-8351	Sequence 8351, Ap	c 234	14.2	1.5	20	1	US-09-981-915A-21	Sequence 21, Appl
c 162	14.8	1.5	21	1	US-10-786-720-11032	Sequence 11032, A	c 235	14.2	1.5	20	1	US-09-978-824-21	Sequence 21, Appl
c 163	14.8	1.5	21	1	US-10-786-720-11108	Sequence 11108, A	c 236	14.2	1.5	20	1	US-09-978-824-21	Sequence 21, Appl
c 164	14.8	1.5	21	1	US-10-751-736-24594	Sequence 24594, A	c 237	14.2	1.5	20	1	US-09-918-585A-21	Sequence 21, Appl
c 165	14.8	1.5	21	1	US-10-751-736-48178	Sequence 48178, A	c 238	14.2	1.5	20	1	US-09-999-834A-21	Sequence 21, Appl
c 166	14.8	1.5	21	1	US-10-751-736-48254	Sequence 48254, A	c 239	14.2	1.5	20	1	US-09-978-423A-21	Sequence 21, Appl
c 167	14.8	1.5	21	1	US-10-751-736-51057	Sequence 51057, A	c 240	14.2	1.5	20	1	US-09-978-193A-21	Sequence 21, Appl
c 168	14.8	1.5	21	1	US-10-847-918-456	Sequence 456, Appl	c 241	14.2	1.5	20	1	US-09-999-830A-21	Sequence 21, Appl
c 169	14.4	1.5	17	1	US-09-866-108-7591	Sequence 7591, Ap	c 242	14.2	1.5	20	1	US-09-978-757A-21	Sequence 21, Appl
c 170	14.4	1.5	17	1	US-09-866-108-7594	Sequence 7594, Ap	c 243	14.2	1.5	20	1	US-09-919-197-29	Sequence 29, Appl
c 171	14.4	1.5	17	1	US-09-866-108-7705	Sequence 7705, Ap	c 244	14.2	1.5	20	1	US-09-978-187B-21	Sequence 21, Appl
c 172	14.4	1.5	17	1	US-09-866-108-7706	Sequence 7706, Ap	c 245	14.2	1.5	20	1	US-09-978-643A-21	Sequence 21, Appl
c 173	14.4	1.5	17	1	US-09-776-474-642	Sequence 642, Appl	c 246	14.2	1.5	20	1	US-09-978-375A-21	Sequence 21, Appl
c 174	14.4	1.5	17	1	US-09-776-474-777	Sequence 777, Appl	c 247	14.2	1.5	20	1	US-09-978-298A-21	Sequence 21, Appl
c 175	14.4	1.5	17	1	US-09-780-164-424	Sequence 424, Appl	c 248	14.2	1.5	20	1	US-09-978-188A-21	Sequence 21, Appl
c 176	14.4	1.5	17	1	US-10-061-201-1813	Sequence 1813, Ap	c 249	14.2	1.5	20	1	US-09-978-681A-21	Sequence 21, Appl
c 177	14.4	1.5	17	1	US-10-061-201-1817	Sequence 1817, Ap	c 250	14.2	1.5	20	1	US-09-978-194A-21	Sequence 21, Appl
c 178	14.4	1.5	17	1	US-10-723-361-7591	Sequence 7591, Ap	c 251	14.2	1.5	20	1	US-09-999-829A-21	Sequence 21, Appl
c 179	14.4	1.5	17	1	US-10-723-361-7594	Sequence 7594, Ap	c 252	14.2	1.5	20	1	US-09-978-299A-21	Sequence 21, Appl

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OM nucleic - nucleic search, using sw model

Run on: October 13, 2004, 08:26:32 ; Search time 11 Seconds
(without alignments)
3.553 Million cell updates/sec

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Perfect score: 2633
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Scoring table: IDENTITY NUC

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Searched: 408 seqs, 7422 residues

Total number of hits satisfying chosen parameters: 816

Minimum DB seq length: 8
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Maximum Match 100%
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SUMMARIES

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Sequence 139, Appl
Sequence 140, Appl
Sequence 141, Appl
Sequence 142, Appl

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C 109	20	0.8	20	1	US-09-915-814-145	Sequence 145, App	182	15.4	0.6	17	1	US-10-723-361-556	Sequence 556, App
C 110	20	0.8	20	1	US-09-915-814-146	Sequence 146, App	183	15.4	0.6	17	1	US-10-723-361-557	Sequence 557, App
C 111	20	0.8	20	1	US-09-915-814-147	Sequence 147, App	C 184	15.4	0.6	18	1	US-10-360-854-11	Sequence 11, Appl
C 112	20	0.8	20	1	US-09-915-814-148	Sequence 148, App	185	15.4	0.6	19	1	US-10-441-925A-22	Sequence 22, Appl
C 113	20	0.8	20	1	US-09-915-814-149	Sequence 149, App	186	15.4	0.6	19	1	US-10-441-925A-24	Sequence 24, Appl
C 114	20	0.8	20	1	US-09-915-814-150	Sequence 150, App	187	15	0.6	17	1	US-09-866-108-553	Sequence 553, App
C 115	20	0.8	20	1	US-09-915-814-151	Sequence 151, App	188	15	0.6	17	1	US-09-866-108-553	Sequence 553, App
C 116	20	0.8	20	1	US-09-915-814-152	Sequence 152, App	189	15	0.6	17	1	US-09-866-108-1532	Sequence 1532, Ap
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C 124	20	0.8	20	1	US-09-915-814-170	Sequence 170, App	C 197	15	0.6	17	1	US-10-261-185-3582	Sequence 3582, Ap
C 125	20	0.8	20	1	US-09-915-814-171	Sequence 171, App	198	15	0.6	17	1	US-10-261-185-3583	Sequence 3583, Ap
C 126	20	0.8	20	1	US-09-915-814-183	Sequence 183, App	199	15	0.6	17	1	US-10-723-361-553	Sequence 553, App
C 127	20	0.8	20	1	US-09-915-814-184	Sequence 184, App	200	15	0.6	17	1	US-10-723-361-553	Sequence 553, App
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C 129	20	0.8	20	1	US-09-915-814-186	Sequence 186, App	202	15	0.6	17	1	US-10-723-361-1533	Sequence 1533, Ap
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C 134	20	0.8	20	1	US-09-915-814-212	Sequence 212, App	C 207	14.8	0.6	18	1	US-10-398-308-130	Sequence 130, App
C 135	19	0.7	19	1	US-09-915-814-4	Sequence 4, Appli	208	14.8	0.6	18	1	US-10-227-719D-9	Sequence 9, Appli
C 136	19	0.7	20	1	US-09-915-814-221	Sequence 221, App	209	14.8	0.6	18	1	US-10-283-881-17	Sequence 17, Appl
C 137	18.4	0.7	20	1	US-09-915-814-176	Sequence 176, App	210	14.8	0.6	18	1	US-10-295-903-5	Sequence 5, Appli
C 138	18.4	0.7	20	1	US-09-915-814-177	Sequence 177, App	C 211	14.8	0.6	18	1	US-10-178-325-161	Sequence 161, App
C 139	18.4	0.7	20	1	US-09-915-814-195	Sequence 195, App	212	14.4	0.5	16	1	US-09-941-314-19	Sequence 19, Appl
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C 143	17.8	0.7	21	1	US-10-696-708-90	Sequence 90, Appl	C 216	14.4	0.5	16	1	US-10-712-672-1490	Sequence 1490, Ap
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C 145	17	0.6	20	1	US-09-749-831-35	Sequence 35, Appl	C 218	14.4	0.5	17	1	US-09-866-108-2629	Sequence 2629, Ap
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C 148	16.8	0.6	20	1	US-09-915-814-163	Sequence 163, App	C 221	14.4	0.5	17	1	US-09-866-108-2673	Sequence 2673, Ap
C 149	16.8	0.6	20	1	US-09-915-814-168	Sequence 168, App	C 222	14.4	0.5	17	1	US-09-877-478-117	Sequence 117, App
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C 152	16.8	0.6	20	1	US-09-915-814-182	Sequence 182, App	C 225	14.4	0.5	17	1	US-09-848-754B-3089	Sequence 3089, Ap
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C 155	16.8	0.6	20	1	US-09-915-814-202	Sequence 202, App	C 228	14.4	0.5	17	1	US-09-740-332-2938	Sequence 2938, Ap
C 156	16.8	0.6	20	1	US-09-915-814-214	Sequence 214, App	C 229	14.4	0.5	17	1	US-09-740-332-2939	Sequence 2939, Ap
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C 159	16.4	0.6	18	1	US-10-321-039-541	Sequence 541, App	C 232	14.4	0.5	17	1	US-09-817-879-1214	Sequence 1214, Ap
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C 161	16.4	0.6	20	1	US-09-563-728A-15	Sequence 15, Appl	C 234	14.4	0.5	17	1	US-09-817-879-2939	Sequence 2939, Ap
C 162	16.4	0.6	20	1	US-10-145-493B-51	Sequence 51, Appl	C 235	14.4	0.5	17	1	US-10-297-134B-1	Sequence 1, Appli
C 163	16.4	0.6	20	1	US-10-371-474-63	Sequence 63, Appl	C 236	14.4	0.5	17	1	US-10-342-902-117	Sequence 117, App
C 164	16.4	0.6	20	1	US-10-315-962-67	Sequence 67, Appl	C 237	14.4	0.5	17	1	US-10-342-902-806	Sequence 806, App
C 165	16	0.6	17	1	US-09-866-108-554	Sequence 554, App	C 238	14.4	0.5	17	1	US-09-927-046-1165	Sequence 1165, Ap
C 166	16	0.6	17	1	US-09-866-108-555	Sequence 555, App	C 239	14.4	0.5	17	1	US-09-927-046-2170	Sequence 2170, Ap
C 167	16	0.6	17	1	US-10-723-361-554	Sequence 554, App	C 240	14.4	0.5	17	1	US-10-156-306-5857	Sequence 5857, Ap
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TITLE
JOURNAL
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing

Query Match 1.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.1;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 164 AAGAGGAAGTGCATCA 180
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RESULT 3
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 genomic survey sequence.
 ACCESSION CL436297
 VERSION CL436297.1 GI:45570957
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 Hicks, G.G.
 1 (bases 1 to 12)
 www.EScells.ca
 Unpublished (2002)
 JOURNAL Contact: Hicks GG
 COMMENT Mammalian Functional Genomics Centre
 Manitoba Institute of Cell Biology, University of Manitoba
 CN5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
 Tel: 204 787 2133
 Fax: 204 787 2190
 Email: hicksg@cc.umanitoba.ca
 U3NeosV1 gene trap. Tag generated by plasmid rescue. Additional
 sequence information and target gene cloning can be generated. ES
 cell line harboring insertion mutation of target gene is available.
 Sequence analysis available from
 http://140.193.242.7/esdb/public_search_frame.php?PST=PST2689-NL.Se
 q

Class: Gene Trap.
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 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 12 CTGCACACATG 1

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 Best Local Similarity 100.0%; Pred. No. 2.5;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 12 CTGCACACATG 1

RESULT 4
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 pacificus var. California Pristionchus pacificus genomic, genomic
 survey sequence.
 ACCESSION CL688513
 VERSION CL688513.1 GI:50197591
 KEYWORDS GSS.
 SOURCE Pristionchus pacificus
 ORGANISM Pristionchus pacificus
 Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
 Neodiplogasteridae; Pristionchus.
 1 (bases 1 to 14)

AUTHORS Srinivasan, J., Otto, G.W., Kahlow, U., Geisler, R. and Sommer, R.J.
 TITLE AppADB: an AcedB database for the nematode satellite organism
 JOURNAL Pristionchus pacificus
 COMMENT Nucleic Acids Res. 32 (1), D421-D422 (2004)
 Contact: Sommer RJ
 Evolutionary Biology
 Max-Planck-Institute for Developmental Biology
 Spemannstr. 37-39, Tuebingen D-72076, Germany
 Tel: 00497071601371
 Fax: 00497071601498
 Email: raif.sommer@tuebingen.mpg.de
 This library was generated at Caltech, Pasadena, USA and end
 sequenced at Vancouver, Canada.
 Seq primer: T7
 Class: fosmid ends.
 Location/Qualifiers
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 /db_xref="taxon:54126"
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 /note="Vector: pEpifos-5 Fosmid vector"

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 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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 Db 14 ATCAGTGAAGAGA 2

RESULT 5
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 DEFINITION BG897738
 ACCESSION BG897738.1 GI:14307987
 VERSION BG897738.1
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 Kumar, S., Connor, J.R., Dodds, R.A., Halsey, W., Van Horn, M., Mao, J.,
 Sathe, G., Mui, P., Agarwal, P., Badger, A.M., Lee, J.C., Gowen, M. and
 Lark, M.W.
 1 (bases 1 to 16)
 IDENTIFICATION AND INITIAL CHARACTERIZATION OF 5000 EXPRESSED
 SEQUENCED TAGS (ESTs) EACH FROM ADULT HUMAN NORMAL AND
 OSTEOARTHRITIC CARTILAGE CDNA LIBRARIES
 Osteoarthr. Cartil. 9 (7), 641-653 (2001)

QY 21482651
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 Db 11597177
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 COMMENT Contact: Sanjay Kumar
 UW2109
 GlaxoSmithKline
 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406, USA
 Tel: 610-270-7245
 Fax: 610-270-5598
 Email: sanjay_kumar-1@gsk.com
 Seq primer: T7.
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Directional"

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Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 15 AGCTGCCTTAATA 3

RESULT 6
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  392H06, genomic survey sequence.
ACCESSION
  AJ594105
VERSION
  AJ594105.1 GI:37943729
KEYWORDS
  GSS; left border; T-DNA flanking sequence.
SOURCE
  Arabidopsis thaliana (thale cress)
ORGANISM
  Arabidopsis thaliana
  Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
  Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
  rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.
REFERENCE
  1
  Brunaud,V., Balzergue,S., Dubreucq,B., Aubourg,S., Samson,F.,
  Chauvin,S., Bechtold,N., Cruaud,C., DeRose,R., Pelletier,G.,
  Lepiniec,L., Caboche,M. and Lecharny,A.
  T-DNA integration into the Arabidopsis genome depends on sequences
  of pre-insertion sites
  EMBO Rep. 3 (12), 1152-1157 (2002)
  22363535
  12446565
REFERENCE
  2 (bases 1 to 16)
  Balzergue,S.
  Direct Submission
  Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
  Gaston Cremieux, 91057 Evry cedex, FRANCE
  PCR was performed on DNA from transformants of Arabidopsis thaliana
  plants from INRA (Versailles). The DNA fragment(s) resulting from
  the PCR were directly sequenced from the left or the right border
  to determine the genomic sequence flanking the insertion. T-DNA
  derived sequences were removed. Information to order the
  corresponding mutant line and a link to a database providing a
  graphical display of the insertion site are available at
  http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
  been generated in the framework of the French plant genomics
  program 'Genoplante' (http://www.genoplante.com and
  http://genoplante-info.infoibio.gen.fr).
FEATURES
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Best Local Similarity 81.2%; Pred. No. 3.6;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 16 AAAATTACTGATC 1

RESULT 7
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ACCESSION
  AJ688262
VERSION
  AJ688262.1 GI:49420852
KEYWORDS
  EST.
SOURCE
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ORGANISM
  Bos taurus
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
  Bovinae; Bos.
REFERENCE
  1 (bases 1 to 14)
  Anderson,S.I., Finlayson,H.A. and Archibald,A.L.
  Development of cDNA and EST resources for studying reproduction and
  embryo development in pigs and cattle
  Unpublished (2004)
  Contact: Anderson SI
  Genomics and Bioinformatics
  Roslin Institute
  Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
  Single pass sequencing. Bases called and trimmed with phred
  v0.020425.c. Vector identified by cross match with the -minscore 20
  and -minmatch 12 options. Vector:pBlueScriptII(SK+) R. Site1: EcoRI
  R. Site2: SmaI 3' Seq Primer M13F Normalised library constructed
  from bovine ovary. Clones available from UK Centre for Functional
  Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK,
  EH25 9PS, www.arkgenomics.org.
FEATURES
  source
    1..14
    /organism="Bos taurus"
    /mol_type="mRNA"
    /db_xref="taxon:9913"
    /clone="KN261-047_017"
    /tissue_type="ovary"
    /clone_lib="KN261"
    /notes="Vector: pBlueScriptII(SK+); Site 1: EcoRI; Site 2:
    SmaI; Single pass sequencing. Normalised library
    constructed from bovine ovary."
    Query Match      1.1%; Score 10.8; DB 1; Length 14;
    Best Local Similarity 85.7%; Pred. No. 4.3;
    Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 890 GGATTTCTTACAAA 903
Db 1 GAATTTCTTAAAAA 14

RESULT 8
CL439508/c
LOCUS
DEFINITION
  PST9427-NR.Seq MICB1 Mus musculus genomic clone PST9427-NR.Seq,
  genomic survey sequence.
ACCESSION
  CL439508
VERSION
  CL439508.1 GI:45577088
KEYWORDS
  GSS.
SOURCE
  Mus musculus (house mouse)
ORGANISM
  Mus musculus
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
  1 (bases 1 to 15)
  Hicks,G.G.
  www.EscellS.ca
  Unpublished (2002)
  Contact: Hicks GG
  Mammalian Functional Genomics Centre
  Manitoba Institute of Cell Biology, University of Manitoba
  CN5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
  Tel: 204 787 2133
  Fax: 204 787 2190
  Email: hicksgcc.umanitoba.ca
  U3NeoSV1 gene trap. Tag generated by plasmid rescue. Additional
  sequence information and target gene cloning can be generated. ES
  cell line harboring insertion mutation of target gene is available.
  Sequence analysis available from

```

http://140.193.242.7/esdb/public_search_frame.php?PST=PST9427-NR.Se

FEATURES

source
Class: Gene Trap.
Location/Qualifiers
1. .15
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="129 sv"
/db_xref="taxon:10090"
/clone="PST9427-NR.Seq"
/sex="Male"
/cell_type="Embryonic stem cell"
/cell_line="D3H (J1 subclone)"
/clone_lib="MIBC1"
/note="Vector: U3NeosV1"

Query Match 1.1%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.3;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 480 ATGCTGAATCCAG 493
|||||
Db 14 ATGCTGAGTTCAG 1

RESULT 9

BQ586028
LOCUS
DEFINITION
E0412394-024-013-F21-SP6 MP1Z-ADIS-024-leaf Beta vulgaris cDNA clone
QY 480 ATGCTGAATCCAG 493
|||||
Db 14 ATGCTGAGTTCAG 1

ACCESSION BQ586028
VERSION BQ586028.1 GI:26115610
KEYWORDS
SOURCE
ORGANISM
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.
REFERENCE
1 (bases 1 to 13)
Herwig,R., Schulz,B., Weishaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.
TITLE
Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL
Plant J. 32 (5), 845-857 (2002)
MEDLINE
22362189
PUBMED
12472698
COMMENT
Contact: Weishaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weishaar@mpiz-koeln.mpg.de
Insert Length: 13 Std Error: 0.00
Plate: 13 row: F column: 21
Seq primer: SP6; CATACGATTGATGACACTATAG.

FEATURES

source
Class: Gene Trap.
Location/Qualifiers
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/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding line)"
/db_xref="GABI:186838"
/db_xref="taxon:161934"
/clone="024-013-F21"
/tissue_type="leaf"
/lab_host="EMDH108"
/clone_lib="MP1Z-ADIS-024-leaf"
/note="Vector: PCWSP0R6; Site 1: SalI; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinvanzlebener Saatgut AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites SalI-NotI, primer sites and orientation:"

Query Match 1.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 5.1;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 TCAGGAAGTATC 918
|||||
Db 1 TCAGGAAGTATC 12

Search completed: June 27, 2005, 16:51:28
Job time : 0.001 secs

SP6-Sali-CCACGGCTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
Project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match 1.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 5.1;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 518 TCTGCTTCACAA 529
|||||
Db 2 TCTGCTTAACAA 13

RESULT 10

CL437480
LOCUS
DEFINITION
PST5604-NR.Seq MIBC1 Mus musculus genomic clone PST5604-NR.Seq
similar to BC031407, genomic survey sequence.
ACCESSION CL437480
VERSION CL437480.1 GI:45573210
KEYWORDS
SOURCE
ORGANISM
Mus musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
REFERENCE
1 (bases 1 to 13)
Hicks,G.G.
TITLE
www.Escells.ca
JOURNAL
Unpublished (2002)
COMMENT
Contact: Hicks GG
Mammalian Functional Genomics Centre
Manitoba Institute of Cell Biology, University of Manitoba
ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
Tel: 204 787 2133
Fax: 204 787 2190
Email: hicksg@cc.umanitoba.ca
U3NeosV1 gene trap. Tag generated by plasmid rescue. Additional
sequence information and target gene cloning can be generated. ES
cell line harboring insertion mutation of target gene is available.
Sequence analysis available from
http://140.193.242.7/esdb/public_search_frame.php?PST=PST5604-NR.Se

FEATURES

source
Class: Gene Trap.
Location/Qualifiers
1. .13
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="129 sv"
/db_xref="taxon:10090"
/clone="PST5604-NR.Seq"
/sex="Male"
/cell_type="Embryonic stem cell"
/cell_line="D3H (J1 subclone)"
/clone_lib="MIBC1"
/note="Vector: U3NeosV1"

Query Match 1.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 5.1;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 TCAGGAAGTATC 918
|||||
Db 1 TCAGGAAGTATC 12

Search completed: June 27, 2005, 16:51:28
Job time : 0.001 secs